

19532/B/2

A CLASSIFIED
INDEX AND SYNOPSIS
OF THE
ANIMAL KINGDOM

ARRANGED IN CONFORMITY WITH ITS
ORGANIZATION,

BY THE BARON CUVIER,

MEMBER OF THE INSTITUTE OF FRANCE, &c. &c. &c.

WITH

SUPPLEMENTARY ADDITIONS TO EACH ORDER,

BY

EDWARD GRIFFITH, F.R.S. S.A. & L.S.

CORRESPONDING MEMBER OF THE ACADEMY OF NATURAL SCIENCES
OF PHILADELPHIA, &c.

AND OTHERS.

LONDON:
PRINTED FOR WHITTAKER AND CO.
AVE-MARIA-LANE.

MDCCCXXXV.

ANIMAL KINGDOM
INDEX AND SYLLABUS
OF THE
BY THE

LONDON:

GILBERT & RIVINGTON, PRINTERS,
ST. JOHN'S SQUARE.



A

TABULAR VIEW

OF THE

CLASSIFICATION OF ANIMALS

ADOPTED

BY THE BARON CUVIER;

WITH

SPECIFIC EXAMPLES.

CONSPECTUS

OF THE

ENTIRE ANIMAL KINGDOM.

ANIMALIA.

<i>Division.</i>		<i>Class.</i>
INVERTEBRATA, Sc.	I. VERTEBRATA....	1. MAMMALIA
		2. AVES
		3. REPTILIA
		4. PISCES
	II. MOLLUSCA.....	1. CEPHALOPODA
		2. PTEROPODA
		3. GASTEROPODA
		4. ACEPHALA
		5. BRACHIOPODA
		6. CIRRHPODA
	III. ARTICULATA....	1. ANNELIDES
		2. CRUSTACEA
		3. ARACHNIDES
		4. INSECTA
	IV. RADIATA.....	1. ECHINODERMATA
		2. ENTOZOA
		3. ACALEPHÆ
		4. POLYPI
		5. INFUSORIA

All animals may be reduced to one or other of these classes. It will be observed, that though the term 'Invertebrata' is introduced, it is not employed as significant of any peculiar form. The reason of this is, that it is merely a negative character, and such should never be used where positive can be obtained. Its vagueness is evident from its belonging to three out of four of the great primary divisions of the 'Animal Kingdom.'

VERTEBRATA.

CLASS I.—MAMMALIA.

This class is divided into nine orders.

<i>Class.</i>	<i>Order.</i>	
MAMMALIA.....	1. Bimana	} Unguiculata.
	2. Quadrumana	
	3. Carnassier	
	4. Marsupiata	
	5. Rodentia	} Ungulata.
	6. Edentata	
	7. Ruminantia	
	8. Pachydermata	
	9. Cetacea	

With respect to the term Carnassier, used by Cuvier for his third order, some observations will be found in our second volume, at the commencement of the supplementary matter on the order.

ORDER I.—BIMANA.

This order contains only one genus, and a single species, with its varieties, as here under :

<i>Genus.</i>	<i>Species.</i>	<i>Varieties.</i>
Homo.....	Homo.....	1. Caucasian
		2. Mongolian
		3. Ethiopian
		4. Malayan?
		5. American?

Only the first three varieties are considered by Cuvier as possessing sufficiently distinctive characters to deserve separate description. "The Malays," he says, "pass by imperceptible shades into their neighbours, the Caucasian Hindoos on one side, and the Mongolian Chinese on the other." The Americans also want that precise and constant character necessary to constitute a peculiar race. For these reasons we have marked the two last varieties with a query.

In this order we have given even the varieties; in the others we can go no farther than the subgenera, with one specific example of each: our space compels us to this arrangement.

ORDER II.—QUADRUMANA.

Of this order three principal genera are enumerated, viz. I. *Simia*, *Lin.*, II. *Hapale*, *Illig.*, and III. *Lemur*, *Lin.*; the first and last of these contain so many subgenera and species that they almost deserve to rank as distinct families, for *Simia* has fifteen subgenera, *Lemur* five, while *Hapale* has only two, which however contain more than eight different species.

Genus.	Subgenus.	Example of Species.
I. <i>Simia</i> , <i>Lin.</i> ...	1. <i>Pithecus</i> , <i>Geoff.</i>	<i>Simia satyrus</i> , L. <i>Ourang outang</i>
	2. <i>Hylobates</i> , <i>Illig.</i>	<i>S. lar</i> , L. <i>Gibbon</i>
	3. <i>Cercopithecus</i> , <i>Erxl.</i> <i>S. Sabæa</i> , L.	<i>Green monkey</i>
	4. <i>Semnopithecus</i> , <i>F.</i> } <i>Cuv.</i>	<i>S. Maura</i> , L. <i>Negro monkey</i>
	5. <i>Macacus</i> , <i>Lacép.</i>	<i>S. Sinica</i> , Gm. <i>Chinese monkey</i>
	6. <i>Inuus</i> , <i>Cuv.</i>	<i>S. sylvanus</i> , L. <i>Barbary ape</i>
	7. <i>Cynocephalus</i> , <i>Cuv.</i>	<i>S. cynocephalus</i> , L. <i>Little baboon</i>
	8. <i>Papio</i> , <i>Briss.</i>	<i>S. maimon</i> , L. <i>Mandrill</i>
	9. <i>Mycetes</i> , <i>Illig.</i>	<i>S. seniculus</i> , <i>Red howling monkey</i>
	10. <i>Ateles</i> , <i>Geoff.</i>	<i>Ateles arachnoides</i> , <i>Geoff. Spider monkey</i>
	11. <i>Lagothrix</i> , <i>Geoff.</i>	<i>Lag. Humboldtii</i> , <i>Geoff. Caparo</i>
	12. <i>Cebus</i> , <i>Geoff.</i>	<i>S. apella</i> , L. <i>Weeper monkey</i>
	13. <i>Callithrix</i> , <i>Cuv.</i>	<i>S. sciureus</i> , L. <i>Squirrel monkey</i>
	14. <i>Pithecia</i> , <i>Desm.</i>	<i>S. lugens</i> , Humb. <i>Widow monkey</i>
	15. <i>Nothura</i> , <i>F. Cuv.</i>	<i>Noct. trivirgata</i> , F. <i>Cuv. Douroucouli</i>
II. <i>Hapale</i> , <i>Illig.</i> {	1. <i>Jacchus</i> , <i>Geoff.</i>	<i>S. Jacchus</i> , L. <i>Stunted monkey</i> , or <i>Jacchus</i>
	2. <i>Midas</i> , <i>Geoff.</i>	<i>S. rosalia</i> , L. <i>Lion monkey</i>
III. <i>Lemur</i> , <i>Lin.</i> {	1. <i>Lemur</i> , <i>Cuv.</i>	<i>Lem. catta</i> , L. <i>Ring-tailed lemur</i>
	2. <i>Lichanotus</i> , <i>Illig.</i>	<i>Lem. indri</i> , Sonn.
	3. <i>Stenops</i> , <i>Illig.</i>	<i>L. gracilis</i> , <i>Slender loris</i>
	4. <i>Galago</i> , <i>Geoff.</i>	<i>L. potto</i> , Gm. <i>the African potto</i>
	5. <i>Tarsius</i> , <i>Storr.</i>	<i>L. spectrum</i> , Pall.

This is according to the classification followed by Cuvier in the second edition of his *Règne Animal*, published in 1829.

The first eight subgenera of *Simiæ* inhabit the old world, the remainder are found in the new, and have received the general appellation of *SAPAJOUS* (*Cebus Erxl.*).

ORDER III.—CARNASSIER.

This order is divided into three great families, Cheiroptera, Insectivora, and Carnivora, the last of which is subdivided into three tribes, Plantigrada, Digitigrada, and Amphibia. In the first edition of the *Règne Animal* the Marsupiatæ were added as a fourth family of this order; they now, with greater propriety, constitute an order by themselves.

Family.	Genus.	Subgenus.	Example of Species.
I. CHEIROPTERA.	I. Vespertilio, L.	1. Pteropus, <i>Briss.</i> ...	{ Pt. edulis, Geoff. <i>Black rousette</i>
		2. Cephalotes, <i>Geoff.</i> ...	{ Ceph. Peronii, Geoff.
		3. Molossus, <i>Geoff.</i> ...	{ M. longicaudatus, <i>Bull-dog bat</i>
		4. Nyctinomus, <i>Geoff.</i> ...	{ N. tenuis, Hors. <i>Lowo-churut of Java</i>
		5. Cheiromeles, <i>Hors.</i> ...	{ C. torquatus, Hors.
		6. Stenoderma, <i>Geoff.</i> ...	{ S. rufa, Geoff.
		7. Noctilio, <i>Lin.</i>	{ Vespert. leporinus, Gm. <i>Peruvian bat</i>
		8. Phyllostoma, <i>Cuv.</i> ...	{ Vesp. spectrum, Lin. <i>Spectre, or true Vampyre bat</i>
		9. Glossophaga, <i>Geoff.</i> ...	{ Vesp. soricinus, Pall. <i>Leaf bat</i>
		10. Megaderma, <i>Geoff.</i> ...	{ M. lyra, Geoff. <i>Lyre bat</i>
		11. Rhinolophus, <i>Geoff.</i>	{ Vesp. ferrum equinum, Lin. <i>Horse-shoe bat</i>
		12. Nycteris, <i>Geoff.</i> ...	{ Vesp. hispida, Lin. <i>Bearded bat</i>
		13. Rhinopoma, <i>Geoff.</i> ...	{ R. microphylla, Desm.
		14. Taphozous, <i>Geoff.</i> ...	{ Vesp. lepturus, Schr. <i>Pouched bat, or Slender-tailed bat</i>
		15. Mormoops, <i>Leach</i> ...	{ M. Blainvillii, Leach
		16. Vespertilio, <i>Cuv. & Geoff.</i>	{ V. Murinus, Lin. <i>Common bat</i>
		17. Plecotus, <i>Geoff.</i> ...	{ Vesp. auritus, Lin. <i>Long-eared bat</i>
		18. Nycticeius, <i>Rafin.</i> ...	{ Vesp. lasiurus, Schr. <i>Rough-tailed bat</i>
II. INSECTIVORA.	II. Galeopithecus, <i>Pall.</i>		{ Lemur volans, Lin. <i>Flying marmoset, or Flying colugo</i>
		Family.	Genus.
			Example of Species.
		1. Erinaceus, <i>Lin.</i>	{ E. Europæus, L. <i>Common hedgehog</i>
		2. Centetes, <i>Illig.</i>	{ Erin. ecaudatus, L. <i>the Tenrec</i>
		3. Cladobates, <i>Fr. Cuv.</i>	{ Tupaia Javanica, Hors.
		4. Sorex, <i>Lin.</i>	{ S. Araneus, L. <i>Common shrew</i>
		5. Mygale, <i>Cuv.</i>	{ Sorex moschatus, L. <i>the Desman, or Russian musk rat</i>
		6. Chrysochloris, <i>Lacép.</i>	{ Talpa Asiatica, L. <i>Cape chrysochloris</i>
		7. Talpa, <i>Lin.</i>	{ T. Europæa, L. <i>Common mole</i>
		8. Condylura, <i>Illig.</i>	{ Sorex Cristatus, L. <i>Radiated mole</i>
		9. Scalops, <i>Cuv.</i>	{ Sor. aquaticus, L. <i>the Scalops of Canada, or Shrew mole</i>

ORDER III.—CARNASSIER (*continued*).

Family.	Tribe.	Genus.	Example of Species.
III. CARNIVORA.	I. Plantigrada	1. Ursus, <i>Lin.</i>	U. arctos, L. <i>Common brown bear</i>
		2. Procyon, <i>Storr.</i>	Ursus lota, L. <i>Raccoon</i>
		3. Ailurus, <i>Fr. Cuv.</i>	A. refulgens, Fr. Cuv.
		4. Ictides, <i>Valenc.</i>	I. albifrons, Fr. Cuv.
		5. Nasua, <i>Storr.</i> . . .	Viverra nasua, L. <i>Red coat</i>
		6. Cercoleptes, } <i>Illig.</i> }	Viv. caudivolv, Gm. the <i>American potto</i>
		7. Meles, <i>Storr.</i> . . .	Ursus meles, L. <i>Common badger</i>
		8. Gulo, <i>Storr.</i> . . .	Ursus gulo, L. the <i>Glutton</i>
		9. Ratellus, <i>Fr.</i> } <i>Cuv.</i> }	Viv. mellivora, L. <i>Honey ratel</i>
	II. Digitigrada	1. Putorius, } <i>Cuv.</i> }	Mustela putorius, L. <i>Common pole cat</i>
		2. Mustela, <i>Cuv.</i>	M. martes, L. <i>Common marten</i>
		3. Mephitis, <i>Cuv.</i>	M. Americana, Desm. <i>Skunk</i>
		4. Lutra, <i>Storr.</i>	Must. lutra, <i>Common otter</i>
		5. Canis, <i>Lin.</i> . . .	C. familiaris, L. the <i>Dog</i>
		6. Viverra, <i>Cuv.</i> . .	V. civetta, L. the <i>Civet</i>
		7. Genetta, <i>Cuv.</i>	Viverragenetta, L. <i>Common genet</i>
		8. Paradoxurus, } <i>Fr. Cuv.</i> . . }	P. typus, Fr. Cuv. <i>Common paradoxurus</i> , or <i>Palm martin of the French</i>
		9. Herpestes, } <i>Illig.</i> }	Viv. ichneumon, L. the <i>Ichneumon</i>
		10. Ryzæna, <i>Illig.</i>	Viv. tetradactyla, L. the <i>Surikate</i>
		11. Crossarchus, } <i>Fr. Cuv.</i> . . }	C. obscurus, Fr. Cuv.
		12. Proteles, <i>Is.</i> } <i>Geoff.</i> }	P. Lalandii, Is. Geoff.
		13. Hyæna, <i>Storr.</i>	Canis hyæna, L. <i>Striped hyæna</i>
		14. Felis, <i>Lin.</i> . . .	F. leo, L. the <i>Lion</i>
	III. Amphibia	1. Phoca, <i>Cuv.</i> . . .	P. vitulina, L. <i>Common seal</i>
		2. Stenorhyncus, } <i>Fr. Cuv.</i> . . }	Phoc. leptonyx, Blainv. <i>Small-clawed seal</i>
		3. Pelagus, <i>Fr.</i> } <i>Cuv.</i> }	Ph. monachus, Gm. <i>White-bellied seal</i>
		4. Stenmatopus, } <i>Fr. Cuv.</i> . . }	Ph. cristata, Gm. <i>Hooded seal</i>
		5. Macrorhyna, } <i>Fr. Cuv.</i> . . }	Ph. leonima, L. <i>Sea lion</i> , or <i>sea elephant</i>
		6. Otaria, <i>Peron.</i>	Ph. ursina, L. <i>Common sea bear</i>
		7. Trichecus, <i>Lin.</i> }	T. rosmarus, L. <i>Morse</i> , <i>sea cow</i> , <i>sea horse</i> , &c.

The tribe Digitigrada contains three subdivisions, distinguished by their mode of dentition, and represented by the weasel, the dog,

and the cat : these we have endeavoured to indicate above by smaller brackets, within the general bracket including all the genera of the tribe. The Amphibia also formerly made but two genera, the seals (*Phoca*) and the Morses (*Trichecus*), the first of which we see Cuvier has here extended to several subdivisions.

ORDER IV.—MARSUPIATA.

The arrangement of these animals, chiefly inhabitants of the Australian continent, seems by no means decided. In his first edition Cuvier had made of them a family of the order Carnassier; in the second he established them into a separate order; but even then expressed his opinion that they ought rather to be looked on as a class containing several orders running parallel with the orders of ordinary quadrupeds. He finally, however, left them as an order divided into seven genera, three of which are subdivided.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. Didelphis, <i>L.</i>	1. Didelphis, <i>prop.</i>	D. Virginiana, Penn. <i>Virginian</i>
	Cuv.	<i>opossum</i>
II. Dasyurus, <i>Geoff.</i>	2. Chironectes, <i>Illig.</i>	Did. palmata, Geoff. <i>Yapock, or palmated opossum</i>
	1. Thylacini, <i>Tem.</i>	Dasyurus cynocephalus, Geoff. <i>Dog-faced dasyurus</i>
	2. Phascogali, <i>Tem.</i>	Das. minimus, Geoff. <i>Dwarf dasyurus</i>
	3. Dasyurus, <i>prop. Cuv.</i>	Didelphis ursina, Harr. the <i>Devil</i>
III. Phalangista, <i>Cuv.</i>	4. Perameles, <i>Geoff.</i>	P. nasutus, Geoff. the <i>Long-nosed pouched badger</i>
	1. Balantia, <i>Illig.</i> ..	Phal. ursina, Tem. <i>Bear-like phalanger</i>
IV. Hypsiprimnus, <i>Illig.</i>	2. Petaurus, <i>Shaw.</i> ..	Did. pygmæa, Shaw, <i>Flying dwarf phalanger</i>
		Macropus minor, Shaw, <i>Kangaroo rat</i>
V. Macropus, <i>Shaw</i>		M. major, Shaw, <i>Gigantic kangaroo</i>
VI. Lipurus, <i>Goldfuss</i>		L. cinereus, Goldfuss. <i>Koala, or New Holland sloth</i>
VII. Phascalomys, <i>Geoff.</i>		Did. ursina, Shaw, the <i>Wombat</i>

ORDER V.—RODENTIA.

In his first edition Cuvier had divided this order into two sections, the first possessing perfect, the second only rudimentary clavicles : these divisions ran by such gradual shades into each other, that the point of separation was, we may say, almost arbitrary. In his second edition, therefore, he contents himself by arranging his genera and indicating such as possess strong clavicles or the reverse.

ORDER V.—RODENTIA.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. <i>Sciurus</i> , <i>L.</i>	1. <i>Sciurus</i> , prop. <i>Cuv.</i>	<i>Sc. vulgaris</i> , <i>L.</i> <i>Common squirrel</i>
	2. <i>Pteromys</i> , <i>Cuv.</i> ..	<i>Sc. volans</i> , <i>L.</i> <i>European flying squirrel</i>
	3. <i>Cheiromys</i> , <i>Cuv.</i> ..	<i>Sc. Madagascariensis</i> , <i>Gm.</i> the <i>Aye-aye</i>
II. <i>Mus</i> , <i>L.</i>	1. <i>Arctomys</i> , <i>Gm.</i> ..	<i>Mus Alpinus</i> , <i>L.</i> <i>Marmot of the Alps</i>
	2. <i>Myoxus</i> , <i>Gm.</i>	<i>Mus glis</i> , <i>L.</i> the <i>Dormouse</i>
	3. <i>Echimys</i> , <i>Geoff.</i> ..	<i>E. spinosus</i> , <i>Desm.</i> <i>Spiny rat of Azzara</i>
	4. <i>Hydromys</i> , <i>Geoff.</i> ..	<i>H. leucogaster</i> , <i>Geoff.</i>
	5. <i>Capromys</i> , <i>Desm.</i> ..	<i>C. Fournieri</i> , <i>Desm.</i>
	6. <i>Mus</i> , prop., <i>Cuv.</i> ..	<i>M. rattus</i> , <i>L.</i> the <i>Rat</i>
	7. <i>Gerbillus</i> , <i>Desm.</i> ..	<i>Dipus tamaricinus</i> , <i>Gm.</i> <i>Tamarisk rat</i>
	8. <i>Meriones</i> , <i>Fr. Cuv.</i> ..	<i>Mus Labradorius</i> , <i>Sabine</i> , <i>Labrador gerbil</i>
	9. <i>Cricetus</i> , <i>Cuv.</i>	<i>Mus cricetus</i> , <i>L.</i> <i>Common hamster</i>
	10. <i>Fiber</i> , <i>Cuv.</i>	<i>Mus Zibeticus</i> , <i>Gm.</i> <i>Ondatra</i> , or <i>Musk rat of Canada</i>
	11. <i>Arvicola</i> , <i>Cuv.</i>	<i>Mus amphibius</i> , <i>L.</i> <i>Water rat</i>
	12. <i>Georychus</i> , <i>Illig.</i> ..	<i>Mus lemmus</i> , <i>L.</i> the <i>Lemming</i>
	13. <i>Otomys</i> , <i>Fr. Cuv.</i> ..	<i>O. capensis</i> , <i>Fr. Cuv.</i>
	14. <i>Dipus</i> , <i>Gm.</i>	<i>Mus sagitta</i> , <i>L.</i> the <i>Jerboa</i>
III. <i>Helamys</i> , <i>Fr. Cuv.</i>		<i>Dipus Caffer</i> , <i>Gm.</i> <i>Cape jerboa</i>
IV. <i>Spalax</i> , <i>Guldenstedt</i>		<i>Mus typhlus</i> , <i>Pall.</i> <i>Blind rat-mole</i>
V. <i>Bathyergus</i> , <i>Illig.</i>		<i>Mus capensis</i> , <i>Gm.</i> <i>Cape mole</i>
VI. <i>Geomys</i> , <i>Rafin.</i>		<i>Mus bursarius</i> , <i>Shaw</i> , <i>Canada rat</i>
VII. <i>Diplostoma</i> , <i>Rafin.</i>		D. ? <i>Rafin.</i> <i>Tailless rat</i>
VIII. <i>Castor</i> , <i>L.</i>		<i>C. fiber</i> , <i>L.</i> the <i>Beaver</i>
IX. <i>Myopotamus</i> , <i>Comm.</i>		<i>Mus coipus</i> , <i>Molin.</i> the <i>Couia</i>
X. <i>Hystrix</i> , <i>L.</i>	1. <i>Hystrix</i> , prop. <i>Cuv.</i> ..	<i>H. cristata</i> , <i>L.</i> <i>Crested porcupine</i>
	2. <i>Atherures</i> , <i>Cuv.</i> ..	<i>H. fasciculata</i> , <i>Brush-tailed porcupine</i>
	3. <i>Eretisons</i> , <i>Fr. Cuv.</i> ..	<i>H. dorsata</i> , <i>Gm.</i> <i>Canada porcupine</i>
	4. <i>Synetheres</i> , <i>Fr. Cuv.</i> ..	<i>H. prehensilis</i> , <i>L.</i> the <i>Coendou</i> or <i>Prehensile-tail porcupine</i>
XI. <i>Lepus</i> , <i>L.</i> ..	1. <i>Lepus</i> , prop. <i>Cuv.</i> ..	<i>L. timidus</i> , <i>L.</i> the <i>Common hare</i>
	2. <i>Lagomys</i> , <i>Cuv.</i> ..	<i>Lep. pusillus</i> , <i>Pall.</i> the <i>Calling hare</i>
XII. <i>Hydrochærus</i> , <i>Eræ.</i>		<i>Cavia capybara</i> , <i>L.</i> the <i>Capybara</i>
XIII. <i>Cavia</i> , <i>Illig.</i>		<i>C. cobaya</i> , <i>Pall.</i> the <i>Guinea-pig</i>
XIV. <i>Dasyprocta</i> , <i>Illig.</i>		<i>D. acuti</i> , <i>Ill.</i> the <i>Agouti</i> , or <i>Long-nosed cavy</i>
XV. <i>Cœlogenys</i> , <i>Fr. Cuv.</i>		<i>Cavia paca</i> , <i>L.</i> the <i>Paca</i>

Cuvier suggests that the *Chinchilla*, the furs of which arrive in such quantities in these countries, should, from its evident connection with the caviæ, come at the end of this order. Nothing but want of

information respecting its dentition prevented him from placing it there. The Marmot Diana, of which we gave a figure in our third volume, p. 172, he says is the same as the *Viscache* of Azzara, and considers it merely as a larger kind of *Chinchilla*, with rougher and longer hair.

ORDER VI.—EDENTATA.

The *Edentata* Cuvier divides into three tribes, the *Tardigrades*, including the first two genera; the common *Edentata*, including the next four; and the *Monotremata*, including the remaining two.

Tribe.	Genus.	Subgenus.	Example of Species.
I. TARDIGRADA.	I. Brady- pus, L.	1. Acheus, Fr. Cuv.	Brad. tridactylus, L. the <i>Ai</i> , or three-toed sloth
		2. Bradypus, prop. Fr. Cuv.	B. didactylus, L. the <i>Unau</i> , or two-toed sloth
II. EDENTATA.	II. Megatherium, Cuv.		Megatherium, C. Great fossil animal
		1. Cachicames, Cuv.	Das. 9-cinctus, L. Nine-banded armadillo
	III. Dasy- pus, L.	2. Apará, Cuv.	Das. 3-cinctus, L. Three-banded armadillo
		3. Encouberts, Cuv.	Das. 6-cinctus, L. Six-banded armadillo
	IV. Orycteropus, Geoff.	4. Priodontes, Fr. Cuv.	Das. gigas, L. Giant armadillo
		5. Chlamyphorus, Harl. C.	truncatus, Harl.
	V. Myrmecophaga, L.		O. capensis, Illig. Cape ant- eater, or ground hog
			M. jubata, L. Great or maned ant-eater, bear ant-eater
	VI. Manis, L.		M. pentadactyla, L. Short-tailed ant-eater
			E. hystrix, Cuv. the Spiny echidna, or porcupine ornitho- rynchus
III. MONOTREMATA.	VII. Echidna, Cuv.		O. paradoxus, Blain. the Duck- billed platypus
	VIII. Ornithorynchus, Blum.		

ORDER VII.—PACHYDERMATA.

This order is also divided into three tribes or families, I. the *Probosciana*, or those furnished with a proboscis, including the elephant and some fossil animals; II. the common *Pachydermata*, including all the rest of the order except the horse, which belongs to family III., *Solipeda*, or solid-footed.

Family.	Genus.	Example of Species.
I. PROBOSCIDIANA	1. Elephas, L.	E. Indicus, Cuv. Indian elephant
	2. Mastodon, Cuv. . .	Mastodon, Cuv. (fossil)

ORDER VII.—PACHYDERMATA (*continued*).

<i>Family.</i>	<i>Genus.</i>	<i>Example of Species.</i>
II. COMMON PACHYDERMATA.	1. Hippopotamus, <i>L.</i> . . .	{ <i>H. amphibius</i> , <i>L.</i> the Hippopotamus
	2. <i>Sus</i> , <i>L.</i>	{ <i>S. scropha</i> , <i>L.</i> the Hog
	3. Phacocærus, <i>Fr. Cuv.</i> . . .	{ <i>Sus Africanus</i> , <i>Gm.</i> Cape Verde boar
	4. Dicotyles, <i>Cuv.</i>	{ <i>D. torquatus</i> , <i>Cuv.</i> Collared pecary
	5. Anoplotherium, <i>Cuv.</i> . . .	{ <i>A. commune</i> , <i>Cuv.</i> (fossil)
	6. Rhinoceros, <i>L.</i>	{ <i>R. Indicus</i> , <i>Cuv.</i> Indian rhinoceros
	7. Hyrax, <i>Hermann.</i> . . .	{ <i>H. capensis</i> , <i>Gm.</i> Cape hyrax, or cape badger
	8. Palæotherium, <i>Cuv.</i> . .	{ Palæotherium, <i>Cuv.</i> (fossil)
	9. Lophiodorus, <i>Cuv.</i>	{ Lophiodon, <i>Cuv.</i> (fossil)
	10. Tapir, <i>L.</i>	{ <i>T. Americanus</i> , <i>Gm.</i> American tapir
III. SOLIPEDA . . .	<i>Equus</i> , <i>L.</i>	<i>E. Caballus</i> , <i>L.</i> the Horse

The common *Pachydermata* we have marked off into two subdivisions, in the first of which the toes are of an even number, four or two, and assume something of a bifurcated appearance, approaching, as do also in some measure their skeletons and stomachs, the forms proper to ruminant animals; in the second subdivision the toes are of an odd number, and want this appearance. *Sus*, *Phacocærus*, and *Dicotyles*, are merely subgenera of the Linnæan genus *Sus*, which name we have left to the first of them.

ORDER VIII.—RUMINANTIA.

This order is naturally distinguished into two families, those without and those with horns. To the former belong the camel and musk; to the latter all the other genera. Horns are of three kinds, specimens of which may be seen in the deciduous antler of the stag, the permanent invested protuberances of the cameleopard, and the true horn or hollow corneous case of the cow, sheep, antelope, &c. These differences have been employed to subdivide the second family. Col. Hamilton Smith divides the whole order into five tribes, the types of which are the camel, the stag, the giraffe, the goat, and the ox. For further particulars see our fifth volume, p. 296, *et seq.*

<i>Family.</i>	<i>Genus.</i>	<i>Example of Species.</i>
I. AKERATOPHORA, OR HORNLESS.	1. Camelus, <i>L.</i> . . .	{ <i>C. Bactrianus</i> , <i>L.</i> the Bactrian camel
	2. Moschus, <i>L.</i> . . .	{ <i>M. moschiferus</i> , <i>L.</i> the Musk

ORDER VIII.—RUMINANTIA (*continued*).

Family.	Genus.	Example of Species.
II. KERATOPHORA, or HORNED.	1. Cervus, <i>L.</i>	{ <i>C. alces</i> , <i>L.</i> the <i>Elk</i> , or <i>Moose-deer</i>
	2. Camelopardalis, <i>L.</i>	<i>C. girafa</i> , <i>Fr. Cuv.</i> the <i>Giraffe</i>
	3. Antelope, <i>L.</i>	<i>A. dorcas</i> , <i>L.</i> the <i>Gazelle</i>
	4. Capra, <i>L.</i>	<i>C. ægagrus</i> , <i>Gm.</i> the <i>Wild goat</i>
	5. Ovis, <i>L.</i>	<i>O. Ammon</i> , <i>L.</i> the <i>Argali</i>
	6. Bos, <i>L.</i>	<i>B. taurus</i> , <i>L.</i> the <i>Common ox</i>

ORDER IX.—CETACEA.

Here also we have two families, the herbivorous cetacea, including the first three genera, and the common cetacea, comprehending all the rest. This latter family is again subdivided, according as the head is of the ordinary proportion to the body, as we see in *Delphinus* and *Monodon*, or is disproportionately large, as is the case in *Physeter* and *Balæna*.

Genus.	Subgenus.	Example of Species.
I. Manatus, <i>Cuv.</i>		{ <i>Tricheus manatus</i> , <i>L.</i> the <i>Manati</i> , <i>Sea-cow</i> , or <i>Lamantin</i>
II. Halicore, <i>Illig.</i>		{ <i>H. Indicus</i> , <i>Ill.</i> the <i>Dugong</i>
III. Rytina, <i>Illig.</i>		{ <i>Trich. borealis</i> , <i>Sh.</i> <i>Whale-tailed manati</i>
IV. Delphinus, <i>L.</i>	1. <i>Delphinus</i> prop. <i>Cuv.</i>	<i>D. delphis</i> , <i>L.</i> <i>Common dolphin</i>
	2. <i>Phocæna</i> , <i>Cuv.</i>	<i>Delph. phocæna</i> , <i>L.</i> the <i>Porpoise</i>
	3. <i>Delphinapterus</i> , <i>Lac.</i>	<i>D. leucas</i> , <i>Gm.</i> the <i>Beluga</i>
	4. <i>Hyperoodon</i> , <i>Lac.</i>	{ <i>Balæna rostrata</i> , <i>Klein.</i> <i>Bottle-nosed whale</i>
V. Monodon, <i>L.</i>		{ <i>M. monoceros</i> , <i>L.</i> the <i>Narwal</i> , or <i>Sea-unicorn</i>
VI. Physeter, <i>L.</i>	1. <i>Catodon</i> , <i>Lacép.</i> . .	{ <i>Phys. macrocephalus</i> , <i>Gm.</i> <i>Great-headed cachalot</i> , or <i>Spermaceti whale</i>
	2. <i>Physeter</i> , <i>Lacép.</i> . .	{ <i>P. microps</i> , <i>Lac.</i> <i>Small-eyed cachalot</i>
VII. Balæna, <i>L.</i>	1. <i>Balæna</i> , prop. <i>Lacép.</i>	<i>B. mysticetus</i> , <i>L.</i> <i>Common whale</i>
	2. <i>Balænoptera</i> , <i>Lacép.</i>	<i>B. musculus</i> , <i>L.</i> the <i>Rorqual</i> .

VERTEBRATA.

CLASS II.—AVES.

This class comprises six orders.

Class.	Order.
AVES	1. Accipitres (<i>Birds of prey</i>)
	2. Passeres (<i>Sparrow kind</i>)
	3. Scansores (<i>Climbers</i>)
	4. Gallinacea (<i>Poultry kind</i>)
	5. Grallæ (<i>Waders</i>)
	6. Palmipedes (<i>Web-footed</i>)

ORDER I.—ACCIPITRES.

This order includes birds generally known as birds of prey; and is divided by Cuvier into the two natural families of *diurnal* and *nocturnal*; the former including the two great genera of Linnæus, the vultures and falcons; the latter, his genus of owls. These genera Cuvier has subdivided as under.

Genus.	Subgenus.	Example of Species.
I. Vultur, L.	1. Vultur, prop. Cuv..	V. papa, L. <i>King of the Vultures</i>
	2. Cathartes, Cuv.	Vult. aura, L. <i>Carion Vulture</i>
	3. Percnopterus, Cuv.	Vult. percnopt. L. <i>Pharaoh's chicken</i>
	4. Gypætos, Storr...	Vult. barbatus, Gm. <i>Bearded vulture, or Læmmer-geyer</i>
II. Falco, L.	1. Falco, prop. Bechstein	F. communis, Gm. <i>Common or Peregrine falcon</i>
	2. Hierofalco, Cuv. ..	Falco candicans, Gm. <i>the German falcon</i>
	3. Aquila, Cuv.	Falco fulvus, Gm. <i>Common eagle</i>
	4. Haliætus, Savigny.	Falco ossifragus, Gm. <i>Sea-eagle, or Osprey</i>
	5. Pandion, Savigny..	Falco haliætus, L. <i>Baldbuzzard, or Fish-hawk of America</i>
	6. Circaëtus, Vieillot..	Falco Gallicus, Gm. <i>Jean-le-Blanc</i>
	7. Caracara, Azzara..	Falco Brasiliensis, Gm. <i>Brazilian kite</i>
	8. Harpyia, Cuv.	Falco harpyia, Cuv. <i>the great harpy</i>
	9. Morphnus, Cuv.	Falco Guianensis, Daud. <i>the Tufted eagle of Guiana</i>

ORDER I.—ACCIPITRES (*continued*).

Genus.	Subgenus.	Example of Species.
II. <i>Falco</i> , <i>L.</i> (<i>continued</i>)....	10. <i>Cymindis</i> , <i>Cuv...</i>	Falco Cayennensis, Gm. <i>Small Cayenne eagle</i>
	11. <i>Astur</i> , <i>Bechstein...</i>	Falco palumbarius, L. <i>Goshawk</i>
	12. <i>Nisus</i> , <i>Cuv.</i>	Falco nisus, L. <i>Sparrow-hawk</i>
	13. <i>Milvus</i> , <i>Bechstein..</i>	Falco milvus, L. <i>Common kite</i>
	14. <i>Pernis</i> , <i>Cuv.</i>	Falco apivorus, L. <i>Common honey-buzzard</i>
	15. <i>Buteo</i> , <i>Bechstein.</i>	Falco buteo, L. <i>Common buzzard</i>
	16. <i>Circus</i> , <i>Bechstein.</i>	Falco cyaneus, Gm. <i>Hen-harrier</i>
III. <i>Strix</i> , <i>L.</i>	17. <i>Serpentarius</i> , <i>Cuv.</i>	Falco serpentarius, Gm. <i>Snake-eater, or Secretary</i>
	1. <i>Otus</i> , <i>Cuv.</i>	Str. otus, L. <i>Common long-eared owl</i>
	2. <i>Ulula</i> , <i>Cuv.</i>	Str. laponica, Gm. <i>Great gray howler</i>
	3. <i>Strix</i> , <i>prop. Savigny</i>	Str. flammea, L. <i>Common white or barn owl</i>
	4. <i>Syrnium</i> , <i>Savigny..</i>	Str. stridula, L. <i>the wood-owl</i>
	5. <i>Bubo</i> , <i>Cuv.</i>	Str. bubo, L. <i>Great horned owl</i>
	6. <i>Noctua</i> , <i>Savigny ..</i>	Str. surnia, Dum. <i>Hawk-owl</i>
	7. <i>Scops</i> , <i>Savigny ..</i>	Str. leucotis, Tem. <i>White-eared owl</i>

ORDER II.—PASSERES.

This order is not clearly defined, nor does it appear very well divided. As to the former, it seems to contain every bird that does not belong to any other of the orders; as to the latter, Cuvier appears to have done whatever was possible, under the present state of knowledge, by using for his primary divisions the nature of the feet, and for his secondary, or division into families, the peculiarities of the bill. As respects the feet, they are divided into those which have the external toe united to the internal only as far as the first or second phalanx, and those called Syndactyles, in which the union extends to all but the last articulation. The first of these divisions is by far the most numerous, and contains the families Dentirostres, Fissirostres, Conirostres, and Tenuirostres, with their several genera and subgenera, as underneath: the second forms but one family, containing six genera.

ORDER II.—PASSERES.

Family.	Genus.	Subgenus.	Example of Species.
I. DENTIROSTRES.	I. Lanius, <i>L.</i>	1. Lanius, prop. <i>Cuv.</i>	L. excubitor, <i>L.</i> Great cinereous shrike
		2. Vanga, <i>Buff.</i>	Lan. curvirostris, <i>L.</i> Hook-billed shrike
		3. Ocypterus, <i>Cuv.</i> . .	O. rufiventer, Val. Red-bellied swallow-shrike
		4. Barita, <i>Cuv.</i>	Gracula varia, Shaw
		5. Chalybæus, <i>Cuv.</i> . .	C. paradisæus, <i>Cuv.</i> Black bird of paradise
		6. Psaris, <i>Cuv.</i>	Lan. Cayanus, Gm.
		7. Graucalus, <i>Cuv.</i> . .	Corvus Papuensis, Gm. Papuan crow
		8. Bethylus, <i>Cuv.</i> . .	Lan. Leverianus, Sh. Lever's shrike
		9. Falcunculus, <i>Vieill.</i>	Lan. frontatus, Lath. Frontal shrike
		10. Pardalotus, <i>Vieill.</i>	Pipra punctata, Sh. Shrike-wren
	II. Muscipapa, <i>L.</i>	1. Tyrannus, <i>Cuv.</i> . .	Musc. ferox, Gm. Tyrant fly-catcher
		2. Muscipeta, <i>Cuv.</i> . .	Musc. cœrulea, <i>L.</i> Azure fly-catcher
		3. Platyrhynchus, <i>Vieill.</i>	Musc. aurantia, <i>L.</i> Orange-breasted fly-catcher
		4. Muscipapa prop. <i>Cuv.</i>	M. grisola, Gm. Spotted fly-catcher
		5. Gymnocephalus, <i>Geoff.</i>	Corvus calvus, Gm. Bald crow
		6. Cephalopterus, <i>Geoff.</i>	C. ornatus, <i>Geoff.</i> Umbelled chatterer
		7. Ampelis prop. <i>Lin.</i> . .	A. cotinga, <i>L.</i> the Cordon bleu
		8. Tersina, <i>Vieill.</i> . . .	Ampel. tersa, Gm.
		9. Cebalepyris, <i>Cuv.</i> . .	Musc. ochracea, Sp. African fly-catcher
		10. Bombycilla, <i>Briss.</i> . .	Ampel. garrulus, <i>L.</i> European chatterer
		11. Procnias, <i>Hofm.</i> . .	Ampelis cucullata, Tem. Hooded chatterer
		12. Casamarynchos, <i>Tem.</i>	Amp. variegata, <i>L.</i> Variegated chatterer
		13. Gymnoderus, <i>Geoff.</i>	Gracula nudicollis, Sh.
		14. Edolius, <i>Cuv.</i>	Lanius cœrulescens, Gm. Fork-tailed shrike
		15. Phibalurus, <i>Vieill.</i> . .	P. flavirostris, <i>Vieill.</i>
III. Tanager, <i>L.</i>		1. Euphonia, <i>Cuv.</i> (Bulfinch tanager)	Tan. violacea, <i>L.</i> Golden tanager
		2. Saltator, <i>Vieill.</i> (Gross-beak tanager)	Tan. magna, Gm. Grand tanager
		3. Tanager, prop. <i>Cuv.</i> (True tanager)	Tan. talao, <i>L.</i> Paradise tanager

ORDER II.—PASSERES (*continued*).

<i>Family.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. DENTIROSTRES (<i>continued</i>).	III. Tanager, L. (<i>cont.</i>)	4. Tachyphonus, Vieill. (Oriole tanager)	Tan. cristata, L. <i>Crested tanager</i>
		5. Pyrrhophaga, Vieill. (Cardinal tanager)	Tan. æstiva, Gm. the <i>Summer red-bird</i>
		6. Rhamphocelus, Vieill. (Ramphoceline tanager) ..	Tan. Brasiliensis, L. <i>Brazilian tanager</i>
	IV. Turdus, L.	1. Merula, Cuv	Turd. merula, L. <i>Common blackbird</i>
		2. Turdus, prop. Cuv.	T. musicus, Gm. <i>Common thrush</i>
		3. Lamprolornis, Cuv.	Turd. cantor, Sonn. <i>Songster thrush</i>
		4. Ixos, Tem.	Turd. analis, Hors. <i>Guava fly-catcher</i>
		5. Tanypus, Oppel. .	Corvus grallarius, Sh. <i>King of the ant-eaters</i>
		6. Criniger, Tem.	C. barbatus, Tem.
		7. Myiothera, Illig. .	Turd. cyanurus, Lath. <i>Blue-tailed thrush</i>
		8. Orthonyx, Tem. . .	Orthonyx ? Tem.
		9. Cinclus, Bechst. .	Sturnus cinclus, L. <i>Water blackbird</i>
		10. Philedon	Merops carunculatus, Lath. <i>Wattled bee-eater</i>
	V. Gracula, Cuv.	1. Gracula, prop. Cuv.	E. Javanus, Cuv.
		2. Manorrhina, Vieill.	Turd. roseus, L. <i>Rose-coloured blackbird</i>
	VI. Pyrrhox, Cuv. .	.....	M. viridis, Vieill.
	VII. Oriolus, L. ....	.....	Corvus pyrrhocorax, L. <i>Alpine chocard</i>
	VIII. Gymnops, Cuv. ....	.....	O. galbula, L. <i>European oriole</i>
	IX. Mænura, Sh. ....	.....	Merops corniculatus, Lath. <i>Knob-fronted honey-eater</i>
	X. Motacilla, L. ....	.....	M. lyra, Vieill. the <i>Lyre</i>
		1. Saxicola, Bechst. .	Mot. rubicola, L. <i>Stonechat</i>
		2. Sylvia, Wolf.	Mot. rubecula, L. <i>Redbreast</i>
		3. Curruca, Bechst. .	Mot. luscinia, L. <i>Nightingale</i>
		4. Accentor, Bechst. .	Mot. Alpina, Gm. <i>Alpine warbler</i>
		5. Regulus, Cuv. . .	Mot. regulus, L. <i>Gold-crested wren</i>
		6. Troglodytes, Cuv. .	Mot. troglodytes, L. <i>Common wren</i>
		7. Motacilla, prop. Cuv.	M. alba, L. <i>White wagtail</i>
		8. Budytes, Cuv.	Mot. flava, L. <i>Yellow wagtail</i>
		9. Anthus, Bechst. . .	Alauda trivialis, Gm. <i>Field lark</i>

ORDER II.—PASSERES (*continued*).

Family.	Genus.	Subgenus.	Example of Species.	
II. FISSIROSTRES ¹ .	XI. Pipra, L.	1. Rupicola, Briss. . .	Pip. rupicola, L. <i>Rock manakin</i>	
		2. Calyptomenes, Hors. C.	viridis, Hors.	
		3 Pipra, prop. Cuv. . .	P. rubrocapilla, Pall. <i>Red-capped manakin</i>	
	XII. Eurylaimus, Hors.		Todus macrorhynchus, Gm.	
	I. Hirundo, L.	1. Cypselus, Illig. . . .	Hirundo apus, L. <i>Swift</i>	
		2. Hirundo, prop. Cuv. .	H. urbica, L. <i>Window swallow</i>	
	II. Caprimulgus, L.	1. Caprimulgus, prop. Cuv. . . .	C. Europæus, L. <i>Goat-sucker</i>	
		2. Podargus, Cuv. . . .	P. Cuvieri, Vieill. <i>Ash-coloured goat-sucker</i>	
	III. CONTROSTRES.	I. Alauda, L.	A. arvensis, L.	<i>Skylark</i>
		II. Parus, L.	1. Parus, prop. Cuv. . .	P. major, L. <i>Great titmouse</i>
2. Mystacinus, Bore . . .			Par. biarmicus, L. <i>Bearded titmouse</i>	
3. Remiz, Cuv.			Par. pendulinus, L. <i>Penduline titmouse</i>	
III. Emberiza, L. . . .		1. Emberiza, prop. Cuv.	E. miliaria, L. <i>Common bunting</i>	
		2. Plectrophanes, Meyer.	Emb. nivalis, L. <i>Snow bunting</i>	
IV. Fringilla, L.		1. Ploceus, Cuv.	Oriolus textor, Gm. <i>Weaver oriole</i>	
		2. Pyrgita, Cuv.	Fring. domestica, L. <i>House sparrow</i>	
		3. Fringilla, prop. Cuv. .	F. cœlebs, L. <i>Chaffinch</i>	
		4. Carduelis, Cuv.	Fring. carduelis, L. <i>Goldfinch</i>	
	5. Linaria, Bechst. . .	Fring. cannabina, L. <i>Great linnet</i>		
	6. Serinus, Gm.	Fring. canaria, L. <i>Canary bird</i>		
	7. Vidua, Cuv.	V. longicauda, L. <i>Long-tailed widow-bird</i>		
	8. Coccothraustes, Cuv.	Loxia coccoth. L. <i>Common gross-beak</i>		
	9. Pitylus, Cuv.	Loxia grossa, L. <i>White-throated gross-beak</i>		
V. Pyrrhula ² , Cuv.		Loxia, pyrrhula, L. <i>Bulfinch</i>		
VI. Loxia, Briss.		L. curvirostra, L. <i>Crossbill</i>		
VII. Corythus, Cuv.		Loxia enucleator, L. <i>Pine grossbeak</i>		
VIII. Colius, Gm.		C. capensis, Gm. <i>Cape coly</i>		
IX. Buphaga, Briss.		B. Africana, Vaill. <i>Beef-eater</i>		
X. Cassicus . . .	1. Cassicus, prop. Cuv. .	C. bifasciatus, Spix, <i>Two-banded cassique</i>		

¹ The two genera of this family, like the two grand subdivisions of the Accipitres, present a natural distinction of habit, the first being birds that seek their prey by day, the second only by night.

² It does not seem very evident from the text, whether Pyrrhula should be a genus, or only a subgenus of Fringilla: in truth, the transitions, particularly in this family, are often so gradual as to elude all attempts at definition.

ORDER II.—PASSERES (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
III. CONIROSTRES (<i>continued</i>).	X. Cassicus, (<i>cont.</i>)....	2. Icterus	{ Oriolus Cayanus, Lath. <i>Yellow-winged oriole</i>
		3. Xanthornus.....	{ Embœriza pecoris, Wils. <i>Cow-bunting</i>
		4. Oxyrhincus, Tem. ..	{ O. flammiceps, Tem.
		5. Dacnis, Cuv.....	{ Motacilla Cayana, Cayenne <i>Warbler</i>
	XI. Sturnus, L.		{ S. vulgaris, L. <i>Common stare</i>
	XII. Corvus, L.	1. Corvus, prop. Cuv...C.	{ frugilegus, L. <i>Rook</i>
		2. Pica, Cuv.	{ Corv. pica, L. <i>Maggie</i>
		3. Garrulus, Cuv.....	{ Corv. cristatus, L. <i>Blue jay</i>
		4. Caryocatactes, Cuv..	{ Corv. caryocat. L. <i>Nutcracker</i>
		5. Temia, Vaill.	{ Corv. varians, Lath. <i>Variable crow</i>
	XIII. Coracias, L.	6. Glaucopis, Forst....	{ G. cinerea, Lath. <i>Wattle-bird</i>
		1. Coracias, prop. Cuv..	{ C. garrula, L. <i>Garrulous roller</i>
	XIV. Paradisea, L.	2. Colaris, Cuv.	{ Coracias Afra, L. <i>African roller</i>
			{ P. apoda, L. <i>Great bird of Paradise</i>
IV. TENUIROSTRES.	I. Sitta, L.	1. Sitta, prop. Cuv...C.	{ S. Europæa, L. <i>Common nut-hatch</i>
		2. Xenops, Illig.....	{ X. rutilus, Licht.
		3. Anabates, Tem.	{ A. cristatus, Spix
		4. Synallaxis, Vieill. ..	{ S. ruficapilla, Vieill. ¹
	II. Certhia, L.	1. Certhia, prop. Cuv..	{ C. familiaris, Gm. <i>European creeper</i>
		2. Dendrocolaptes, Herm.	{ Gracula Scandens, Lath. <i>Climbing grackle</i>
		3. Tichodroma, Illig..	{ Certh. fusca, Lath. <i>Brown scaler</i>
		4. Nectarina, Illig. ..	{ Certh. cardinalis, Vieill. <i>Cardinal creeper</i>
		5. Dicaeum, Cuv.....	{ Certh. rubra, Vieill. <i>Scarlet creeper</i>
		6. Melithreptus, Vieill.	{ Certh. pacifica, Vieill. <i>Great hook-billed creeper</i>
		7. Cinnyris, Cuv....	{ Certh. famosa, Gm. <i>Shining creeper</i>
		8. Arachnotheres, Tem.....	{ A. longirostra, Tem. <i>Long billed spider-eater</i>
	III. Trochilus, L.	1. Trochilus, prop. Lac.....	{ T. pella, Gm. <i>Topaz humming-bird</i>
		2. Orthorhynchus, Lac.....	{ Troch. gigas, Vieill. <i>Giant humming-bird</i>
	IV. Upupa, L..	1. Fregilus, Cuv.....	{ Corvus gracula, L. <i>the Crave of Europe</i>
		2. Upupa, prop. Cuv. ..	{ U. epops, L. <i>Common hoopoe</i>
		3. Promerops, Briss. ..	{ Up. promerops, L. <i>Cape hoopoe</i>
		4. Epimachus, Cuv....	{ Up. magna, Gm. <i>Great hoopoe</i>

¹ These being all South American species, have no English name.

ORDER II.—PASSERES (*continued*).

Family.	Genus.	Example of Species.
V. SYNDACTYLI..	I. Merops, <i>L.</i>	M. apiaster, Gm. Common bee-eater
	II. Prionites, <i>Illig.</i> ..	P. Brasiliensis, Ill. Brazilian motmot
	III. Alcedo, <i>L.</i>	A. ispida, <i>L.</i> Common kingfisher
	IV. Ceyx, <i>Lacép.</i> ...	Alc. tridactyla, Pall. Three-toed kingfisher
	V. Todus, <i>L.</i>	T. viridis, Gm. Green tod
	VI. Buceros, <i>L.</i>	B. rhinoceros, <i>L.</i> rhinoceros hornbill

This fifth family is also the second general subdivision of the order distinguished, as we above explained, by the union of its toes, whence the name.

ORDER III.—SCANSORES.

Genus.	Subgenus.	Example of Species.
I. Jacamar, <i>Cuv.</i>	1. Galbula, <i>Briss.</i>	G. viridis, Lath. Green jacamar
	2. Jacamerops, <i>Le Vaill.</i>	Alcedo grandis, Gm. Great jacamar
II. Picus, <i>Cuv.</i> ...	1. Picus, <i>Lin.</i>	P. viridis, Gm. Green woodpecker
	2. Picoïdes, <i>Lacép.</i> ...	P. tridactylus, Edw. Three-toed woodpecker
III. Yunx, <i>Lin.</i>	Y. torquilla, <i>L.</i> the Wryneck	
IV. Cuculus, <i>L.</i> ...	1. Cuculus, prop. <i>Cuv.</i> ...	C. canorus, <i>L.</i> Common cuckoo
	2. Conas, <i>Vaill.</i>	Cuc. seniculus, <i>L.</i> Mangrove cuckoo
	3. Centropus, <i>Illig.</i> ...	Cuc. Egyptius, <i>L.</i> Egyptian cuckoo
	4. Leptosomus, <i>Vieill.</i> ...	Cuc. Afer, <i>L.</i> African courol
	5. Indicator, <i>Vaill.</i> ...	Cuc. indicator, <i>Vaill.</i> Honey cuckoo
	6. Monasa, <i>Vieill.</i> ...	Cuc. tranquillus, <i>L.</i> Wax-bill barbet
V. Phœnicophæus, <i>Vieill.</i>	P. Javanicus, <i>Hors.</i>	
VI. Scythrops, <i>Lath.</i>	S. Australasie, Sh. Psittaceus	horn-bill
VII. Bucco, <i>L.</i>	1. Pagonias, <i>Illig.</i> ..	Buc. dubius, Gm. Groove-billed barbicane
	2. Bucco, prop. <i>Cuv.</i> ..	B. grandis, <i>L.</i> Great barbet
	3. Tamatia, <i>Cuv.</i>	Buc. collaris, <i>L.</i> Collared barbet
VIII. Trogon, <i>L.</i>	T. viridis, <i>L.</i> Green trogon	
IX. Crotophaga, <i>L.</i>	C. major, <i>Vieill.</i>	
X. Ramphastos, <i>L.</i>	1. Ramphastos, prop. <i>Cuv.</i>	R. toco, <i>L.</i> the Toucan
	2. Pteroglossus, <i>Illig.</i> ...	Ramph. viridis, <i>L.</i> Green toucan

ORDER III.—SCANSORES (*continued*).

Genus.	Subgenus.	Example of Species.
XI. <i>Psittacus</i> , L.	1. <i>Ara</i> , Kuhl.....	{ <i>Ps. Macao</i> , L. Red and blue macaw
	2. <i>Conurus Ara</i> , Cuv.	{ <i>Ps. vittatus</i> , Vaill. Banded parakeet
	3. <i>Palæornis</i> , Vig. & Horsf.	{ <i>Ps. Alexandri</i> , L. Rose-ringed parakeet
	4. <i>Platycercus</i> , Vig. & Horsf.	{ <i>Ps. niger</i> , L. Black parakeet
	5. <i>Plyctolophus</i> , Vieill.	{ <i>P. cristatus</i> , L. Great white cockatoo
	6. <i>Psittacus</i> , prop, Cuv.	{ <i>Ps. erythacus</i> , L. Grey parrot
	7. <i>Lory</i> Sh....	{ <i>Ps. lori</i> , L. Black-capped lory
	8. <i>Psittaculus</i> , Kuhl..	{ <i>Ps. taitianus</i> , Gm. Violet parrot
	9. <i>Microglossus</i> , Vieill.	{ <i>Ps. gigas</i> , Lath. Black cockatoo
	10. <i>Pezoporus</i> , Illig..	{ <i>Ps. formosus</i> , Vaill. Ground parrot
XII. <i>Corythaix</i> , Ill.....		{ <i>Cuculus Persa</i> , L. Touraco plantain-eater
XIII. <i>Musophaga</i> , Isert.		{ <i>M. violacea</i> , Vieill. Violet plantain-eater

ORDER IV.—GALLINACEA.

Most of our barn-door fowl, and many excellent game-birds, are to be found in this order, which takes its name from *Gallus gallinaceus*, the common cock and hen. It is composed in a great measure of one natural family, and is divided into genera, subgenera, and species.

Genus.	Subgenus.	Example of Species.
I. <i>Alector</i> , Merrem.....	1. <i>Crax</i> , L.	{ <i>C. alecta</i> , L. Crested curassow
	2. <i>Ourax</i> , Cuv.....	{ <i>Crax panxi</i> , L. Cusheo curassow
	3. <i>Penelope</i> , Merrem...	{ <i>P. pipile</i> , Jacq. Piping curassow
	4. <i>Ortalida</i> , Merrem...	{ <i>Catraca</i> , Buff.
	5. <i>Opisthocomus</i> , Hofmans.....	{ <i>Phasianus cristatus</i> , L. crested pheasant
II. <i>Pavo</i> , Lin.....	1. <i>Pavo</i> , prop. Cuv..	{ <i>P. cristatus</i> , L. Common pea- cock
	2. <i>Lophophorus</i> , Tem.	{ <i>L. refulgens</i> , Tem. Impeyan pheasant
III. <i>Meleagris</i> , Lin.		{ <i>M. gallopavo</i> , L. Common tur- key
IV. <i>Numidæ</i> , Lin.		{ <i>N. meleagris</i> , L. Guinea-fowl
V. <i>Phasianus</i> , Lin.	1. <i>Gallus</i> , L.	{ <i>Ph. gallus</i> , L. Common poultry
	2. <i>Phasianus</i> , prop. Cuv.....	{ <i>Ph. colchicus</i> , L. Common pheasant
	3. <i>Houppifères</i> , Tem..	{ <i>Ph. ignitus</i> , Sh.
	4. <i>Tragofar</i> , Cuv....	{ <i>Meleagris satyrus</i> , Lath. the Nepaul, or Horned pheasant
	5. <i>Cryptonyx</i> , Tem. ...	{ <i>C. coronatus</i> , Tem.

ORDER IV.—GALLINACEA (*continued*).

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
VI. Tetrao, <i>Lin.</i>	1. Tetrao, prop. <i>Lath.</i>	T. tetrix, L. <i>Black grouse</i>
	2. Lagopus, <i>L.</i>	Tet. lagopus, L. <i>Ptarmigan</i>
	3. Pterocles, <i>Tem.</i>	{ Tet. alchata, L. <i>Pin-tailed grouse</i>
	4. Francolinus, <i>Tem.</i>	{ Tet. francolinus, L. <i>Francolin partridge</i>
	5. Perdix, prop.	{ Tet. cinereus, L. <i>Common partridge</i>
	6. Coturnix.....	Tet. coturnix, L. <i>Quail</i>
	7. Colinus.....	{ Tet. California, Lath. <i>Californian quail</i>
VII. Tridactylus, <i>Lacép.</i>	1. Ortygis, <i>Illig.</i>	Hemipodius pugnax, <i>Tem.</i>
VIII. Tinamus, <i>Lath.</i>	2. Syrrhaptes, <i>Illig.</i>	{ <i>Fighting quail</i>
		{ Tet. paradoxurus, Pall. <i>Heterophile grouse</i>
	1. Pezus, <i>Spix.</i>	Tet. major, Gm.
IX. Columba, <i>Lin.</i>	2. Tinamus, <i>Spix.</i>	T. inambui, Azz.
	3. Rhyncotus, <i>Spix.</i>	T. rufescens, <i>Tem.</i>
	1. Columbo-gallina, <i>Vaill.</i>	{ C. carunculata, <i>Tem.</i> <i>Carunculated pigeon</i>
	2. Columba, prop. <i>Vaill.</i>	{ C. turtur, L. <i>Turtle-dove</i>
	3. Virago, <i>Cuv.</i>	{ Col. Australis, Lath. <i>Mada-gascar pigeon</i>

ORDER V.—GRALLÆ.

These are generally long-legged wading birds, for the most part living in the vicinity of water, if we except the ostrich and cassowary, which indeed did not originally belong to this order, as established by Linnæus. Cuvier divides the entire order into five families, which we shall indicate by braces, and three distinct genera, which cannot well be reduced to any of the five families, and which he seems to think may almost be looked on as constituting little families in themselves. The families he has named are, 1. *Brevipennes*, containing genera i. and ii. ; 2. *Pressirostres*, containing genera iii—viii. ; 3. *Cultriostres*, containing genera ix—xviii. ; 4. *Longirostres*, containing genera xix. and xx. ; and, 5. *Macro-dactyli*, containing genera xxi—xxiv. ; after which come the three detached and concluding genera.

<i>Family.</i>	<i>Genus.</i>	<i>Example of Species.</i>
I. BREVI-PENNES.	I. Struthio, <i>L.</i>	S. camelus, L. the <i>Ostrich</i>
	II. Casuarius, <i>Briss.</i>	{ Struth. casuarius, L. the <i>Casowary</i>

ORDER V.—GRALLÆ (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
II. PRESSIROSTRES.	III. Otis, <i>L.</i>		{ Otis tarda, <i>L.</i> the Great buzzard
	IV. Charadrius, <i>L.</i> ..	{ 1. <i>Œdicnemus</i> , <i>Tem.</i>	{ <i>Œd. crepitans</i> , <i>Tem.</i> Thick-kneed buzzard
		{ 2. <i>Charadrius</i> , <i>prop. Cuv.</i>	{ <i>Ch. pluvialis</i> , <i>L.</i> the Golden plover
	V. Tringa, <i>L.</i>	{ 1. <i>Squatarola</i> , <i>Cuv.</i> ...	{ <i>Tringa helvetica</i> , <i>L.</i> the Sand piper
		{ 2. <i>Vanellus</i> , <i>Cuv.</i> ...	{ <i>Tringa vanellus</i> , <i>L.</i> the Lapwing
	VI. <i>Hæmatopus</i> , <i>L.</i>		{ <i>H. ostralegus</i> , <i>L.</i> Pied oystercatcher
	VII. <i>Tachydromus</i> , <i>Ill.</i>		{ <i>Charadrius Gallicus</i> , <i>L.</i> Common courser
III. CULTRIROSTRES.	VIII. <i>Dicholophus</i> , <i>Ill.</i>		{ <i>Palamedea cristata</i> , <i>Gm.</i>
	IX. <i>Grus</i> , <i>Cuv.</i>	{ 1. <i>Psophia</i> , <i>L.</i>	{ <i>Ps. crepitans</i> , <i>L.</i> Gold-breasted trumpeter
		{ 2. <i>Grus</i> , <i>prop. Cuv.</i> ...	{ <i>Ardea grus</i> , <i>L.</i> Common crane
		{ 3. <i>Eurypyga</i> , <i>Illig.</i>	{ <i>Ardea helias</i> , <i>L.</i> Sun-bird
	X. <i>Cancroma</i> , <i>L.</i>		{ <i>C. cochlearia</i> , <i>L.</i> the Boat-bill
	XI. <i>Ardea</i> , <i>Cuv.</i>	{ 1. <i>Ardea</i> , <i>prop. Cuv.</i> ...	{ <i>A. major</i> , <i>L.</i> the Common heron
		{ 2. <i>Onores</i> , <i>Cuv.</i>	{ <i>Ard. tigrina</i> , <i>L.</i> Tiger bittern
		{ 3. <i>Aigrettes</i> , <i>Cuv.</i>	{ <i>Ard. alba</i> , <i>L.</i> Great egret
		{ 4. <i>Bostaurus</i> , <i>L.</i>	{ <i>Ard. stellaris</i> , <i>L.</i> European bittern
		{ 5. <i>Bihoreaux</i> , <i>Cuv.</i> ...	{ <i>Ard. nycticorax</i> , <i>L.</i> the Night heron
	XII. <i>Ciconia</i> , <i>Cuv.</i>		{ <i>Ard. ciconia</i> , <i>L.</i> the White stork
	XIII. <i>Mycteria</i> , <i>L.</i>		{ <i>M. Americana</i> , <i>L.</i> American jabiru
	XIV. <i>Scopus</i> , <i>Briss.</i>		{ <i>S. umbretta</i> , <i>L.</i> Tufted umbre
	XV. <i>Anastomus</i> , <i>Ill.</i>		{ <i>Ard. ponticeriana</i> , <i>Gm.</i>
	XVI. <i>Dromas</i> , <i>Paykull.</i>		{ <i>D. ardeola</i> , <i>Payk.</i> Abyssinian erodyla
	XVII. <i>Tantalus</i> , <i>L.</i>		{ <i>T. loculator</i> , <i>L.</i> Wood ibis
	XVIII. <i>Platalea</i> , <i>L.</i>		{ <i>P. leucorodia</i> , <i>Gm.</i> White spoonbill
IV. LONGIROSTRES.	XIX. <i>Scolopax</i> , <i>L.</i> ..	{ 1. <i>Ibis</i> , <i>Cuv.</i>	{ <i>I. religiosa</i> , <i>Cuv.</i> the Sacred ibis
		{ 2. <i>Numenius</i> , <i>Cuv.</i> ..	{ <i>Scolopax arcuata</i> , <i>L.</i> the Curlew
		{ 3. <i>Scolopax</i> , <i>prop. Cuv.</i> ...	{ <i>S. rusticola</i> , <i>L.</i> the Woodcock
		{ 4. <i>Rhynchæa</i> , <i>Cuv.</i> ...	{ <i>Sc. capensis</i> , <i>Gm.</i> the Cape snipe
		{ 5. <i>Limosa</i> , <i>Bechst.</i> ..	{ <i>S. leucophæa</i> , <i>Lath.</i> Common godwit
		{ 6. <i>Tringa</i> , <i>Tem</i>	{ <i>T. grisea</i> , <i>Lath.</i> the Grizzled sandpiper
		{ 7. <i>Arenaria</i> , <i>Bechst.</i> ..	{ <i>Charadrius caladris</i> , <i>Gm.</i> the Sanderling
		{ 8. <i>Pelidna</i> , <i>Cuv.</i>	{ <i>Fringa cinclus</i> , <i>L.</i> Common sea-lark

ORDER V.—GRALLÆ (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
V. MACRODACTYLII.	XIX. Scolopax, <i>L.</i> (<i>cont.</i>) ...	9. Falcinellus	Scol. pygmæa, <i>L.</i>
		10. Machetes, <i>Cuv.</i> ...	Tringa pugnax, <i>L.</i> <i>Ruff sand-piper</i>
		11. Eurynorhynchus, <i>Wils.</i>	Platalea pygmæa, <i>L.</i> <i>Dwarf spoonbill</i>
		12. Phalaropus, <i>Briss.</i>	Tringa lobata, <i>L.</i>
		13. Strepsilas, <i>Ill.</i> ..	Tr. interpres, <i>L.</i> the <i>Turnstone</i>
		14. Totanus, <i>Cuv.</i> ..	Scolop. glottis, <i>L.</i> <i>Green-shanked snipe</i>
		15. Lobipes, <i>Cuv.</i>	Tringa hyperboræa, <i>L.</i>
		16. Himantopus, <i>Briss.</i>	Charadrius himantopus, <i>L.</i> <i>Long-legged plover</i>
		XX. Recurvirostra, <i>L.</i>	R. Americana, <i>Lath.</i> <i>American avocet</i>
		XXI. Parra, <i>L.</i>	P. jacana, <i>L.</i> the <i>Jacana</i>
		XXII. Palamedea, <i>L.</i> {	1. Palamedea, prop. <i>Cuv.</i> P. cornuta, <i>L.</i> <i>Horned screamer</i>
		2. Chaia, <i>Azz.</i>	Parra chavaria, <i>L.</i> <i>Faithful jacana</i>
		3. Megapodius	M. duperrey, <i>Less. & Garn.</i>
		XXIII. Rallus, <i>L.</i>	R. aquaticus, <i>L.</i> <i>Water rail</i>
		1. Gallinula, <i>Briss. & Lath.</i>	Ful. chloropus, <i>L.</i> <i>Common water-hen</i>
		2. Porphyrio, <i>Briss.</i> {	Ful. porphyrio, <i>L.</i> <i>Purple gallinule</i>
		3. Fulica, prop. <i>Briss.</i> ..	F. atra, <i>L.</i> the <i>Coot</i>
		XXV. Vaginalis, <i>Lath.</i>	V. chionis, <i>Lath.</i> <i>White sheath-bill</i>
		XXVI. Glareola, <i>Gm.</i>	G. pratricula, <i>Leach.</i> the <i>Pratincole</i>
		XXVII. Phœnicopterus, <i>L.</i>	Ph. ruber, <i>L.</i> <i>Red flamingo</i>

ORDER VI.—PALMIFEDES.

This order contains generally such birds as are web-footed, and fitted for an aquatic life. It is divided into four natural families ; 1. the *Brachyptera*, or Divers ; 2. the *Longipennes*, or High-flying birds ; 3. the *Totipalmes*, in which the thumb, as well as the other toes, is included in the common web or membrane of the foot ; and, 4. the *Lamellirostres*, which have the bill furnished with rows of laminæ, resembling fine teeth.

ORDER VI.—PALMIPEDES.

Family.	Genus.	Subgenus.	Example of Species.
I. BRACHYPTERA.	I. Colymbus, L. . .	1. Colymbus, prop. Briss.	C. cristatus, Gm. Crested grebe
		2. Heliornis, Bormat.	H. Senegalensis, Vieill. African coot-grebe
		3. Mergus, Briss. . . .	Col. glacialis, L. Northern diver
		4. Uria, Briss. & Ill.	Col. troile, L. Foolish guillemot
	II. Alca, L.	5. Cephus	Col. minor, L. Little grebe
		1. Fratercula, Briss. .	Alca arctica, L. Puffin
	III. Aptenodytes, Forst . . .	2. Alea, prop. Cuv. . .	A. torda & pica, L. Common penguin
		1. Aptenodytes, prop. Cuv.	Ap. Patagonica, Gm. Patagonian penguin
		2. Catarrhactes, Briss.	Apt. chrysocoma, Gm. Crested penguin
		3. Spheniscus, Briss..	Apt. demersa, Gm. Cape penguin
II. LONGIPENNES.	IV. Procellaria, L. . . .	1. Procellaria, prop. Cuv.	P. pelagica, Br. Stormy petrel
		2. Puffinis, Briss. . . .	Proc. Anglorum, Tem. Manks petrel
		3. Halodroma, Illig. . .	Proc. minatrix, Gm. Diving petrel
		4. Pachyptila, Illig. . .	Proc. vittata, Forst. Broad-billed petrel
	V. Diomedea, L.		D. exulans, L. Wandering albatross, or Man-of-war bird
	VI. Larus, L.	1. Goëland, Buff. . . .	Larus marinus, Gm. Black-headed gull
		2. Monette, Buff. . . .	Lar. cyanorhynchus, Meyer, Common gull
		3. Lestris, Illig.	Lar. parasitacus, Gm. Arctic gull
	VII. Sterna, L.	1. Sterna, prop. Cuv. . .	St. hirundo, L. Great tern
		2. Noddis, Cuv.	St. stolidus, L. the Noddy
	VIII. Rhynchops, L.		R. nigra, L. Black skimmer, or Cut-water
III. TOTIPALMES.	IX. Pelecanus, L. . .	1. Onocrotalus, Briss.	Pel. onocrotalus, L. Common pelican
		2. Carbo, Meyer	Pel. carbo, L. the Cormorant
		3. Tachypetes, Vieill.	Pcl. aquilus, L. Great frigate-bird
		4. Sula, Briss.	Pel. sula, L. the Booby
	X. Plotus, L.		Pl. melanogaster, L. Black-bellied darter
	XI. Phaeton, L.		Ph. æthereus, Gm. Tropic-bird
	XII. Anas, L.	1. Cygnus, Meyer . . .	Anas olor, L. Tame or Mute swan
		2. Anser, Briss.	An. anser, L. Common goose
		3. Leucopsis, Bechst..	An. leucopsis, Bechst. Bernacle
		4. Cereopsis, Lath. . .	Cer. cinereus, Lath. New Holland cereopsis

IV. LAMELLIROSTRES.

ORDER VI.—PALMIPEDES (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
IV. LAMELLI- ROSTRES.	XII. <i>Anas</i> , (<i>cont.</i>).	5. <i>Oidemia</i> , <i>Flem.</i>	<i>An. nigra</i> , L. <i>Scoter duck</i>
		6. <i>Clangula</i> , <i>Leach</i> {	<i>An. histrionica</i> , L. <i>Harlequin duck</i>
		7. <i>Somateria</i> , <i>Leach</i> . .	<i>An. mollissima</i> , L. <i>Eider goose</i>
		8. <i>Fuligula</i> , <i>Leach</i> . . .	<i>An. ferina</i> , L. <i>Pochard duck</i>
		9. <i>Rhynchaspis</i> , <i>Leach</i> .	<i>An. clypeata</i> , L. the <i>Shoveler</i>
		10. <i>Tadoma</i> , <i>Bel.</i>	<i>An. tadoma</i> , L. the <i>Shieldrake</i>
		XIII. <i>Mergus</i> , <i>L.</i>	{ <i>M. merganser</i> , L. the <i>Goosander</i>

Note.—The great genus *Anas* is primarily divided into three subgenera: swans, geese, and ducks; which we have indicated by interior braces; the swans forming only one subgenus, but the geese and ducks several. The last subgenus, *tadoma*, is still further subdivided, and made to contain the Muscovy duck, the mallard, the teal, &c.; but our limits prevent us entering into such minute details.

VERTEBRATA.

CLASS III.—REPTILIA.

Reptiles are divided into four sufficiently natural orders; the Chelonian, Saurian, Ophidian, and Batrachian, severally represented by the Tortoise, the Lizard, the Serpent, and the Frog. The last of these is remarkable for presenting in early life a structure different from that which it is to assume when adult: thus the young tadpole, it is well known, breathes by gills, and in some genera of this order the gills are never lost. An easy transition is thus formed from the class Reptiles to the subsequent class Fish.

Class.	Order.
REPTILIA.....	$\left\{ \begin{array}{l} 1. \text{Chelonia (Tortoise kind)} \\ 2. \text{Sauria (Lizard kind)} \\ 3. \text{Ophidia (Serpent kind)} \\ 4. \text{Batrachia (Frog kind)} \end{array} \right.$

ORDER I.—CHELONIA.

This order contains but one genus, the Linnæan genus *Testudo*, which has been divided into five subgenera, as follow.

Genus.	Subgenus.	Example of Species.
I. <i>Testudo</i> , L.	1. <i>Testudo</i> , prop. Brong. (Land-tortoises)	$\left. \begin{array}{l} \text{ } \end{array} \right\} \text{T. græca, L. Common tortoise}$
	2. <i>Emys</i> , Brong. (Fresh-water tortoises)	$\left. \begin{array}{l} \text{ } \end{array} \right\} \text{Test. orbicularis, L. Speckled tortoise}$
	3. <i>Chelonia</i> , Brong. (Sea-tortoises, or turtles).....	$\left. \begin{array}{l} \text{ } \end{array} \right\} \text{Test. mydas, L. Green turtle}$
	4. <i>Chelys</i> , Dumer. (Frog-mouthed tortoises).....	$\left. \begin{array}{l} \text{ } \end{array} \right\} \text{Test. fimbriata, Gm. Fimbriated tortoise}$
	5. <i>Trionyx</i> , Geoff. (Soft tortoises) ..	$\left. \begin{array}{l} \text{ } \end{array} \right\} \text{Test. triunguis, Forsk. Soft tortoise of the Nile.}$

ORDER II.—SAURIA.

From the considerable differences existing between animals possessing the general characters of this order, it has been found necessary to divide it into six families, represented severally by the Crocodiles, Monitors, Iguanas, Geckos, Cameleons, and Skinks; of these families, the first and fifth have each only one genus, the second two, and the others have several genera.

Family.	Genus.	Subgenus.	Example of Species.	
II. LACERTIENS.	I. Crocodilus, Br.....	1. Gavial, Cuv...	Lacerta Gangetica, Gm. <i>Gavial of the Ganges</i>	
		2. Crocodilus, prop. Cuv....	Lacert. crocodilus, L. <i>Common crocodile</i>	
		3. Alligator, Cuv..	Crocod. sclerops, Schn. <i>Speckled cayman</i>	
	I. Monitor....	1. Monitor, prop. Cuv.	Lacerta Nilotica, L. <i>Monitor of the Nile</i>	
		2. Ameiva, Cuv....	Lac. ameiva, L.	
	II. Lacerta ...	1. Lacerta, prop. Cuv.	L. ocellata, Daud. <i>Great green lizard</i>	
		2. Algyra, Cuv....	Lac. alegyra, L.	
		3. Tachydromus, Daud.	T. sexlineatus, Daud. <i>Chinese fleet lizard</i>	
	III. IGUANIENS.	I. Stellio, Cuv...	1. Cordylus, Gronov.	Lac. cordylus, L.
			2. Stellio, prop. Daud.	Lac. stellio, L. <i>Levant lizard</i>
			3. Doryphorus, Cuv.	Stellio breviaudatus, Seb.
			4. Uromastix, Cuv.	Stell. spinipes, Daud. <i>Egyptian whip-tail</i>
II. Agama, Daud..		1. Agama, prop. Cuv.	A. barbata, C. <i>Ocellated agama of New Holland</i>	
		2. Tapayus, Cuv..	Lacert. orbicularis, L. <i>Tapayaxin of Mexico</i>	
		3. Trapelus, Cuv. ...	T. Ægyptius, Geoff.	
		4. Lecolepis, Cuv....	L. guttatus, Cuv.	
		5. Tropidolepis, Cuv.	Ag. undulata, Daud.	
		6. Leposoma, Spix ..	L. tropidosaurus, Boié	
		7. Calotes, Cuv....	Lac. calotes, L.	
		8. Lophyrus, Dumer.....	Agam. gigantea, Kuhl. <i>Lizard with forked helmet</i>	
IV. DRACONIENS.	9. Gonocephalus, Kanp.			
	10. Lyriocephalus, Merrem.	L. margaritaceus, Mer.		
	11. Brachylophus, Cuv.	Iguane à bandes, Brong. <i>Banded iguana</i>		
	12. Physignathus, Cuv.	P. coccineus, Cuv.		
	III. Istiurus, Cuv.....		Lacert. amboinensis, Gm. <i>the Crest-bearer</i>	
		1. Draco, prop. Cuv.	D. viridis, Daud. <i>Green dragon</i>	
	IV. Draco, L.....	2. Sitana, Cuv....	S. ponticeriana, Cuv. <i>Pondicherry sitana</i>	
		3. ? Pterodactylus, Cuv.	Fossil pterodactylus, Cuv.	

ORDER II.—SAURIA (*continued*).

Family.	Genus.	Example of Species.
III. IGUANIENS (<i>continued</i>).	V. <i>Iguana</i> , prop. Cuv....	{ Lac. <i>Iguana</i> , L. <i>Common American iguana</i>
	VI. <i>Opryessa</i> , Boié	{ Lac. <i>superciliosa</i> , L.
	VII. <i>Basiliscus</i> , Daud....	{ Lac. <i>basiliscus</i> , L. <i>Guiana basilisk</i>
	VIII. <i>Polychrus</i> , Cuv.	{ Lac. <i>marmorata</i> , L.
	IX. <i>Ecpimotes</i> , Fitzing ..	{ Agama <i>tuberculata</i> , Spix
	X. <i>Oplurus</i> , Cuv.	{ O. <i>torquatus</i> , Cuv. <i>Black-colored quetzpaleo of Brazil</i>
	XI. <i>Anolius</i> , Cuv.	{ An. <i>velifer</i> , Cuv. <i>Great crested anolis</i> .

Of the *Iguaniens*, genera i—iv. have no palatine teeth; genera v—xi. have. This gives rise to two sections, indicated by the interior braces. To the last section would belong the fossil animal of Maëstricht called *Mososaurus*.

Family.	Genus.	Subgenus.	Example of Species.
IV. GECKOTIENS.	I. <i>Gecko</i> , Daud..	1. <i>Platydactylus</i>	{ Lacert. <i>facetanus</i> , Aldrov. <i>Wall gecko</i>
		2. <i>Hemidactylus</i>	{ Geck. <i>verruculatus</i> , Cuv. <i>Warty gecko</i>
		3. <i>Thecadactylus</i>	{ Geck. <i>lævis</i> , D. <i>Smooth gecko</i>
		4. <i>Ptyo-dactylus</i>	{ Lacert. <i>gecko</i> , Hasselq. <i>House gecko</i>
		5. <i>Spheriodactylus</i> ..	{ Lacert. <i>sputator</i> , Sparm. <i>Banded gecko</i>
V. CAMÉ- LÉONIENS.	II. <i>Stenodactylus</i> , Cuv.....		{ S. <i>guttatus</i> , Geoff.
	III. <i>Gymnodactylus</i> , Spix		{ G. <i>geckoides</i> , Spix
	IV. <i>Phyllurus</i> , Cuv.		{ Stellio <i>phyllurus</i> , Schn.
VI. SINCROIDIENS.	I. <i>Chamæleo</i>		{ Lacerta <i>Africana</i> , Gm. <i>Commonameleon</i>
	I. <i>Scincus</i> , Daud. .	1. <i>Scincus</i> , prop. Cuv.	{ Lacerta <i>scincus</i> , L. <i>Officinal skink</i>
		2. <i>Tiliqua</i> , Gray....	{ Sc. <i>ocellatus</i> , Schn. <i>Eyed galaxy-wasp</i>
	II. <i>Seps</i> , Daud.....		{ S. <i>scincoides</i> , Cuv.
VI. SINCROIDIENS.	III. <i>Bipes</i> , Lacép.		{ Lac. <i>bipes</i> , Gm. <i>Two-footed lizard</i>
	IV. <i>Chalcides</i> , Daud.....		{ Lac. <i>tetradactyla</i> , Lacép.
	V. <i>Chirotes</i> , Cuv.		{ Lac. <i>lumbrocoides</i> , Sh. <i>Worm-shaped lizard</i> .

The five subgenera of the genus *Gecko* all agree in having the toes wide and dilated; the *Stenodactyli* and *Gymnodactyli* want this character, and are therefore placed as separate genera. To the preceding family, the *Iguaniens*, belong the *Geosurus*, *Negulosaurus*, *Iguanodon*, and many other fossil animals.

ORDER III.—OPHIDIA.

This order is primarily divided into three families : 1. the Snakes, *Anguis*; 2. the true Serpents; and, 3. the naked Serpents. Of these, the 1st and 3d contain each but one genus; the 2d contains all the rest, and, as these differ in several respects, is subdivided, 1st, into two tribes, the *Double-marcheurs*, that is, those that move with either end foremost, and the Serpents proper, which always advance with the head in front. The Serpents proper are then divided according as they are non-venomous or venomous; and afterwards these latter according as they have isolated fangs, or fangs accompanied by the ordinary jaw teeth. Finally come the division into genera, subgenera, and species; but of all these our plan and limits will only permit us to notice the families, genera, and subgenera, illustrating as usual with a specific example of each.

Family.	Genus.	Subgenus.	Example of Species.
I. ANGUIS.	I. Anguis, L..	1. Pseudopus, Merrem.	Lacerta apoda, Pall.
		2. Ophisaurus, Daud.	{ Ang. ventralis, L. Glass serpent
		3. Anguis, prop. Cuv.	{ A. fragilis, L. Common blind worm
		4. Acontias	{ Ang. meleagris, L. Javelin snake, or Cape pintado snake
II. TRUE SERPENTS.	I. Amphisbæna, L.		Amph. alba, Lacép.
	II. Typhlops, Schn.....		T. braminus, Cuv.
	III. Tortrix, Oppel.		{ Anguis scytale, L. Whiplash snake
	IV. Uropeltis, Cuv.		U. Ceylanicus, Cuv.
	V. Boa, L..	1. Boa, prop. Cuv..	{ B. constrictor, L. the Boa constrictor
		2. Scytale, Mer.....	S. coronata, Merr.
		3. Erix	E. anguiformis, Schn.
		4. Erpetus, Lacép.....	E. tentaculatus, Lac.
	VI. Coluber, L.	1. Python, Daud. ...	{ Col. Javanicus, Sh. Great adder of the Sunda Isles
		2. Cerberus, Cuv. ...	Col. cerberus, Daud.
		3. Xenopeltis, Reinw. .	X. concolor, Reinw.
		4. Heterodon, Beauv.	{ H. nigricans, Beauv. Blackish pig-nosed serpent
		5. Hurria, Daud. ...	{ Col. hurria, Russ. the Hurria of Bengal
		6. Bunjanus, Oppel..	Col. bucephalus, Sh.
		7. Dendrophis, Fitz- ing	{ Col. decorus, Sh.
		8. Dryinus, Merrem.	{ Col. nasutus, Russ. Sharp-nosed adder
		9. Dryophis, Fitzing.	Col. fulgidus, Daud.
		10. Oligodon, Boié..	{ Col. punctatus, Lat. Spotted adder
		11. Coluber, prop. Cuv.	{ Col. natrix, L. the Collared adder

ORDER III.—OPHIDIA (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
II. TRUE SERPENTS (<i>continued</i>).	VI. <i>Acrochordus</i> , <i>Hornstedt</i>		<i>A. Javensis</i> , Lacép.
	VII. <i>Crotalus</i> , <i>L.</i>		{ <i>C. horridus</i> , <i>L.</i> <i>American rattlesnake</i>
	VIII. <i>Trigonocephalus</i> , <i>Oppel</i>		{ <i>Col. Tisiphone</i> , <i>Sh.</i> <i>Brown viper of Carolina</i>
	IX. <i>Vipera</i> , <i>Daud.</i>	1. <i>Vipera</i> , <i>prop. Cuv.</i>	<i>Col. berus</i> , <i>L.</i> <i>Common viper</i>
		2. <i>Naia</i>	{ <i>Col. naia</i> , <i>L.</i> <i>the Cobra di capello</i>
		3. <i>Elaps</i> , <i>Schn.</i> (<i>in part</i>)	<i>E. lemniscatus</i> , <i>Cuv.</i>
		4. <i>Microuros</i> , <i>Wagler</i> . <i>M. Spixii</i> , <i>Wayler</i>	
		5. <i>Platouros</i> , <i>Lat.</i>	<i>Col. laticaudatus</i> , <i>L.</i>
		6. <i>Trimeresouros</i> , <i>Lacép.</i>	{ <i>T. leptcephalus</i> , <i>Lacép.</i>
		7. <i>Oplocephalus</i> , <i>Cuv.</i>	<i>O. Cuvieri</i> , <i>Gray</i>
		8. <i>Acanthophis</i> , <i>Daud.</i>	{ <i>A. cerastinus</i> , <i>Daud.</i> <i>Horned viper</i>
		9. <i>Echis</i> , <i>Merrem.</i>	<i>Boa horatta</i> , <i>Sh.</i>
		10. <i>Langaha</i> , <i>Brugnières</i>	<i>L. Madagascariensis</i> , <i>Lacép.</i>
	X. <i>Bungarus</i> , <i>Daud.</i> (<i>in part</i>)		{ <i>Boa fasciata</i> , <i>Schn.</i> <i>the Ring-ed bungarum-pamma of Bengal</i>
III. NAKED SERPENTS	XI. <i>Hydrus</i> , <i>Schn.</i> (<i>in part</i>)	1. <i>Hydrophis</i> , <i>Daud.</i>	<i>Hydrus curtus</i> , <i>Sh.</i>
		2. <i>Pelamides</i> , <i>Daud.</i>	{ <i>Hydrus bicolor</i> , <i>Schn.</i>
		3. <i>Chersydrus</i> , <i>Cuv.</i>	{ <i>Hydrus granulatus</i> , <i>Schn.</i>
	. . . I. <i>Cæcilia</i> , <i>L.</i>		{ <i>Cæc. annulata</i> , <i>Spix</i> , <i>Annulated cæcilia</i> .

ORDER IV.—BATRACHIA.

This order is divided by Mr. Gray (see Synopsis at the end of our ninth volume) into two very natural orders or families, according as they do or do not undergo metamorphosis. Cuvier has indicated the same division, and has then proceeded to subdivide them as follows:—

Genus.	Subgenus.	Example of Species.
I. <i>Rana</i> , <i>L.</i>	1. <i>Rana</i> , <i>prop. Laurenti</i>	<i>R. temporaria</i> , <i>L.</i> <i>Common frog</i>
	2. <i>Ceratophris</i> , <i>Boié</i>	<i>Rana cornuta</i> , <i>Seb.</i> <i>Horned frog</i>
	3. <i>Dactylethra</i> , <i>Cuv.</i>	<i>Pipa lævis</i> , <i>Merrem.</i>
	4. <i>Hyla</i> , <i>Laurenti</i>	<i>Ran. arborea</i> , <i>L.</i> <i>Tree frog</i>
	5. <i>Bufo</i> , <i>Laurenti</i>	<i>Ran. bufo</i> , <i>L.</i> <i>Common toad</i>
	6. <i>Bombinator</i> , <i>Merrem.</i>	{ <i>Ran. bombina</i> , <i>Gm.</i> <i>Yellow-bellied toad</i>
	7. <i>Oxyrhynchus</i> , <i>Spix.</i>	{ <i>Bufo proboscideus</i> , <i>Spix</i> , <i>Long-nosed toad</i>

ORDER IV.—BATRACHIA (*continued*).

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. <i>Rana</i> , <i>L.</i> (<i>cont.</i>)	8. <i>Otilophus</i> , <i>Cuv.</i> ...	{ <i>Rana margaritifera</i> , <i>L.</i> <i>Pearl-</i> <i>ed toad</i>
	9. <i>Breviceps</i> , <i>Merr.</i> ..	{ <i>Bufo gibbosus</i> , <i>Seb.</i>
	10. <i>Pipa</i> , <i>Laurenti</i> ..	{ <i>Rana pipa</i> , <i>L.</i> the <i>Surinam</i> <i>toad</i>
II. <i>Salamandra</i> , <i>Brougn.</i>	1. <i>S. prop. Laurenti</i> (Land Salaman- ders)	{ <i>Lacerta salamandra</i> , <i>L.</i> <i>Com-</i> <i>mon salamander</i>
	2. <i>Triton</i> , <i>Laurenti</i> (Water salaman- ders)	{ <i>Salamand. marmorata</i> , <i>L.</i> <i>Marbled salamander</i>
III. <i>Menopoma</i> , <i>Harlan.</i>		{ <i>Sal. gigantea</i> , <i>Barton</i> , <i>Great</i> <i>salamander of N. America</i>
IV. <i>Amphiuma</i> , <i>Garden.</i>		{ <i>A. tridactylum</i> , <i>Cuv.</i>
V. <i>Axolotl</i>		{ <i>Siren pisciformis</i> , <i>Sh.</i> the <i>Axo-</i> <i>lotl of Mexico</i>
VI. <i>Menobanchus</i> , <i>Harlan.</i>		{ <i>M. lateralis</i> , <i>Harl.</i>
VII. <i>Proteus</i> , <i>Laurenti</i>		{ <i>P. anguinus</i> , <i>Laur.</i> the <i>Proteus</i> <i>of Carniola</i>
VIII. <i>Siren</i> , <i>L.</i>		{ <i>S. lacertina</i> , <i>L.</i> the <i>Lacertine</i> <i>siren.</i>

VERTEBRATA.

CLASS IV.—PISCES.

This class is divided into two great series, the Ossei and Chondropterygii; in the former of which the skeleton is formed of true bone, while in the latter it always remains in the state of cartilage or gristle. The former is divided into six, the latter into two orders; the principal characters being derived from the first gills, as the names of the orders will show.

<i>Class.</i>	<i>Series.</i>	<i>Order.</i>
PISCES	OSSEI (<i>Bony fishes</i>)	1. Acanthopterygii
		2. Malacopterygii Abdominales
		3. Malacopterygii Subbrachii
		4. Malacopterygii Apodes
		5. Lophobranchii
		6. Plectognathi
	II. CHONDROPTERYGII (<i>Cartilaginous fishes</i>)	7. Eleutherobranchii (<i>gills free</i>)
		8. Pectobranchii (<i>gills confined</i>)

SERIES I.—OSSEI.

ORDER I.—ACANTHOPTERYGII.

The Acanthopterygians make three-fourths of all the fishes known, and are the most perfectly wrought type of the class. The families into which they are divided are in general very natural, but present so many varieties with respect to those characters on which it might be supposed they could be grouped into orders or other subdivisions, that it has been found expedient to leave them all together.

ORDER I.—ACANTHOPTERYGII.

Family.	Genus.	Subgenus.	Example of Species.
I. PERCOIDES.	I. <i>Perca</i> , <i>Cuv.</i>		<i>P. fluviatilis</i> , L. <i>Common perch</i>
	II. <i>Labrax</i> , <i>Cuv.</i>		<i>Perca labrax</i> , L. the <i>Basse</i>
	III. <i>Lates</i> , <i>Cuv.</i>		<i>Perca Nilotica</i> , L. the <i>Variole</i> of the Nile
	IV. <i>Centropomus</i> , <i>Lacép.</i>		<i>C. undecimalis</i> , <i>Cuv.</i>
	V. <i>Grammistes</i> , <i>Cuv.</i>		<i>G. orientalis</i> , Bl.
			<i>Perca asper</i> , L. the <i>Rhone</i> perch
	VI. <i>Aspro</i> , <i>Cuv.</i> ..	1. <i>Aspro</i> , prop.	
		2. <i>Huro</i> , <i>Cuv.</i> & <i>Val.</i> ..	<i>H. nigricans</i> , C. & V.
		3. <i>Etelis</i> , <i>Cuv.</i> & <i>Val.</i> ..	<i>E. carbunculus</i> , C. & V.
		4. <i>Niphon</i> , <i>Cuv.</i> & <i>Val.</i> ..	<i>N. spinosus</i> , C. & V.
		5. <i>Enoplesus</i> , <i>Lacép.</i> ..	<i>E. armatus</i> , <i>Lacép.</i>
		6. <i>Diploprion</i> , <i>Kuhl.</i> ..	<i>D. bifasciatum</i> , <i>Kuhl.</i>
	VII. <i>Apogon</i> , <i>Cuv.</i> ..	1. <i>Apogon</i> , prop. <i>Lacép.</i> ..	<i>Mullus imberbis</i> , L. <i>King of</i> the mullets
		2. <i>Cheilodipterus</i> , <i>Lacép.</i> ..	<i>Perca lineata</i> , <i>Forsk.</i>
		3. <i>Pomatomus</i> , <i>Risso</i> ..	<i>P. telescope</i> , <i>Risso</i>
	VIII. <i>Ambassis</i> , <i>Commers.</i>		<i>A. Commersonii</i> , C. & V.
	IX. <i>Lucio-perca</i> , <i>Cuv.</i>		<i>Perca lucioperca</i> , L. the <i>Pike-</i> perch
	X. <i>Serranus</i> , <i>Cuv.</i>	1. <i>Serranus</i> , prop.	<i>Perca scriba</i> , L. the <i>Sea-perch</i>
		2. <i>Anthias</i> , Bl. (<i>in part</i>) ..	<i>A. sacer</i> , Bl. the <i>Barber</i>
		3. <i>Merou</i> , <i>Cuv.</i> ..	<i>Perca gigas</i> , Gm.
	XI. <i>Plectropoma</i> , <i>Cuv.</i>		<i>Pl. melanoleucum</i> , <i>Cuv.</i>
	XII. <i>Diaope</i> , <i>Cuv.</i>		<i>D. sebæ</i> , <i>Cuv.</i>
	XIII. <i>Mesoprion</i> , <i>Cuv.</i>		<i>M. unimaculatus</i> , <i>Russel</i>
	XIV. <i>Acerina</i> , <i>Cuv.</i>		<i>Perca cernua</i> , L. the <i>Ruffe</i>
	XV. <i>Rypticus</i> , <i>Cuv.</i>		<i>Anthias saponaceus</i> , Bl. the <i>Soap-maker</i>
	XVI. <i>Polyprion</i> , <i>Cuv.</i>		<i>P. cernuum</i> , <i>Valenc.</i>
	XVII. <i>Centropristis</i> , <i>Cuv.</i>		<i>C. nigricans</i> , <i>Cuv.</i> <i>Black basse</i> , or <i>Black ham</i>
	XVIII. <i>Grystes</i> , <i>Cuv.</i>		<i>Cichla variabilis</i> , <i>Lesueur</i> , <i>New York growler</i>
	XIX. <i>Cirrhitæ</i> , <i>Commers.</i>		<i>C. maculatus</i> , <i>Lacép.</i>
	XX. <i>Chironemus</i> , <i>Cuv.</i>		<i>C. georgianus</i> , <i>Cuv.</i> & <i>Val.</i>
	XXI. <i>Pomotis</i> , <i>Cuv.</i>		<i>P. vulgaris</i> , <i>Cuv.</i> <i>Pond perch</i>
	XXII. <i>Centrarchus</i> , <i>Cuv.</i>		<i>C. æneus</i> , <i>Cuv.</i>
	XXIII. <i>Priacanthus</i> , <i>Cuv.</i>		<i>Anthias boops</i> , <i>Bloch</i>
	XXIV. <i>Dules</i> , <i>Cuv.</i>		
	XXV. <i>Therapon</i> , <i>Cuv.</i>	1. <i>Therapon</i> , prop.	<i>Holocentrus servus</i> , Bl.
		2. <i>Datnia</i> , <i>Cuv.</i> & <i>Val.</i> ..	<i>Coius datnia</i> , <i>Buch.</i>
	XXVI. <i>Pelates</i> , <i>Cuv.</i>		<i>P. 5-lineatus</i> , <i>Cuv.</i> & <i>Val.</i>
	XXVII. <i>Helotes</i> , <i>Cuv.</i>		<i>H. 6-lineatus</i> , <i>Cuv.</i> & <i>Val.</i>
	XXVIII. <i>Trichodon</i> , <i>Steller.</i>		<i>T. stelleri</i> , <i>Cuv.</i>
	XXIX. <i>Sillago</i> , <i>Cuv.</i>		<i>S. domina</i> , <i>Cuv.</i> <i>Lady-fish of</i> <i>Pondicherry</i>

ORDER I.—ACANTHOPTERYGII (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
I. PERCOIDES (<i>continued</i>).	XXX. Holocentrum, <i>Artedi</i>		H. longipinne, Cuv. <i>Long-finned red-man of St. Thomas's Island</i>
	XXXI. Myripristis, <i>Cuv.</i>		M. Japonicus, Cuv. & Val.
	XXXII. Beryx, <i>Cuv.</i>		B. decadactylus, Cuv. & Val.
	XXXIII. Trachichthys, <i>Shaw</i>		T. Australis, Sh. <i>New Holland rough-fish</i>
	XXXIV. Trachinus, <i>Lin.</i>		T. draco, L. <i>the Weaver</i>
	XXXV. Percis, <i>Bl.</i>		P. maculata, Bl.
	XXXVI. Pinguipes, <i>Cuv.</i>		P. Brasilianus, Cuv. & Val. <i>Brazil fat-fin</i>
	XXXVII. Percophis, <i>Cuv.</i>		P. Brasilianus, Cuv. & Val.
	XXXVIII. Uranoscopus, <i>Lin.</i>		U. scaber, L. <i>the Uranoscopus</i>
	XXXIX. Polynemus, <i>Lin.</i>		P. paradisæus, L. <i>the Mango-fish</i>
	XL. Sphyræna, <i>Bl.</i>		Sp. barracuda, Cuv.
	XLI. Paralepis, <i>Cuv.</i>		Coregonus paralepis, Riss.
	XLII. Mullus, <i>Lin.</i>	1. Mullus, prop. <i>Cuv.</i>	M. barbatus, L. <i>Red mullet</i>
		2. Upeneus, <i>Cuv.</i>	M. vittatus, Forsk. <i>Striped mullet</i>
	I. Trigla, <i>L.</i>	1. Trigla, prop. <i>Cuv.</i>	Tr. hirundo, L. <i>Sapphirine gurnard</i>
		2. Prionotes, <i>Lacép.</i>	Tr. punctata, Bl. <i>Spotted gurnard</i>
		3. Peristedion, <i>Lacép.</i>	Tr. cataphracta, L. <i>Mailed gurnard</i>
		4. Dactylopterus, <i>Lacép.</i>	Tr. volitans, L. <i>Flying gurnard</i>
II. MAILED CHEEKS.	II. Cephalocanthus, <i>Lacép.</i>		Gasterosteus spinarella, L.
	III. Cottus, <i>Lin.</i>	1. Cottus, prop. <i>Cuv.</i>	C. gobio, L. <i>Miller's thumb</i>
		2. Aspidophorus, <i>Lacép.</i>	Cott. cataphractus, L. <i>Armed bull-head</i>
	IV. Hemitripterus, <i>Cuv.</i>		Cott. tripterygius, Bl. <i>Sea-raven</i>
	V. Hemilepidotus, <i>Cuv.</i>		Cott. hemilepidotus, Tiles
	VI. Platycephalus, <i>Bl.</i>		Cott. insidiator, L.
	VII. Scorpæna, <i>Lin.</i>	1. Scorpæna prop. <i>Cuv.</i>	S. scrofa, L. <i>Great sea-devil</i>
		2. Sebastes, <i>Cuv.</i>	Perca Norvegica, Müll. <i>the Marulke of Norway</i>
		3. Pterois, <i>Cuv.</i>	Scorp. volitans, L. <i>Gini-maha, or Great fire of Ceylon</i>
	VIII. Blepsias		Blennius villosus, Stell.
	IX. Apistes		Ap. alatus, Cuv.
	X. Agriopus		Blennius torvus, Gronov.
	XI. Pelorus		Scorpæna didactyla, Pall.
	XII. Synanceia, <i>Bl.</i>		Scorp. horrida, Lin.
	XIII. Monocentris, <i>Bl.</i>		M. Japonica, Bl.

ORDER I.—ACANTHOPTERYGII (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
II. MAILED CHEEKS.	XIV. Gasteros- teus....	1. Gasterosteus, ...	{ G. aculeatus, L. <i>Great stickle-</i> back
		2. Gaster, Cuv....	{ Gaster. spinochia, L. <i>Sea</i> stickleback
III. SCIENOIDES.	XV. Oreosoma, Cuv.	Oreosoma, Cuv.	O. Atlanticum, Cuv.
		1. Sciæna, prop.	{ S. umbra, Cuv. the <i>Maigre of</i> the <i>Mediterranean</i>
		Cuv.	{ O. ruber, Cuv. <i>Stone-fish of</i> <i>Pondicherry</i>
		2. Otolithus, Cuv..	{
		3. Ancylodon	{ Lonchurus ancylodon, Bloch
		4. Corvina, Cuv.	{ Sciæna nigra, Lin. <i>Raven fish</i>
		5. Johnius, Bl.	{ J. maculatus, Bl. <i>Bengal whi-</i> <i>ting</i>
		6. Umbrina, Cuv..	{ Sciæna cirrhosa, L. <i>Bearded</i> <i>sciæna</i>
	I. Sciæna.....	7. Lonchurus, Bl.	{ L. barbatus, Bl.
		8. Pogonias, Lacép.	{ Labrus grunniens, Mitch. the <i>Drum</i>
		II. Eques, Bl.	{ Eq. Americanus, Bl.
		III. Hæmulon, Cuv.	{ H. formosum, Cuv. the <i>Grunt</i> , or <i>Red-throat</i>
		IV. Pristipoma, Cuv.	{ P. husta, Cuv.
		V. Diagramma, Cuv.	{ Lutjanus luteus, Bl.
		VI. Lobotes, Cuv.	{ Bodianus triurus, Mitch. <i>Tri-</i> <i>ple-tailed black perch</i>
		VII. Cheilodactylus, Lacép.	{ Ch. fasciatus, Lacép.
IV. SPAROIDES.	VIII. Scolopsides, Cuv.	Anthias Japonicus, Bl.	
		IX. Micropterus, Lacép.	{ M. dolomica, Lacép.
		X. Amphiprion, Bl.	{ Amph. ephippium, Bl.
		XI. Premnas, Cuv.	{ Chætodon biaculeatus, Bl.
		XII. Pomocentrus, Lacép.	{ Chætodon pavo, Bl.
		XIII. Dascyllus, Cuv.	{ Chætodon aranus, Lin.
		XIV. Glyphisodon, Lacép.	{ Chætodon saxatilis, Lin.
		XV. Heliasus	{ H. insolatus, Cuv.
	I. Sargus, Cuv.	Sargus, Cuv.	{ Sparus ovis, Mitch. the <i>Sheep's</i> <i>head</i>
		II. Chrysophris, Cuv.	{ Sparus aurata, L. <i>Gilt-head of</i> <i>Pennant</i>
		III. Pagrus	{ Sparus pagrus, L.
		IV. Pagellus	{ Sparus erythrinus, L.
		V. Dentex, Cuv.	{ Sparus dentex, L.
		VI. Pentapus, Cuv.	{ Sparus vittatus, Bl.
		VII. Lethrinus, Cuv.	{ Sparus chærorhyncus, Bl.
		VIII. Cantharus, Cuv.	{ Sparus cantharus, Lin.
IX. Boops, Cuv.	Sparus boops, Lin.		
	X. Oblada, Cuv.	{ Sparus melanurus, Lin.	

ORDER I.—ACANTHOPTERYGII (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
V. MENIDÆS.	I. Mæna, <i>Cuv.</i>		Sparus mæna, Lin.
	II. Smaris, <i>Cuv.</i>		S. alcedo, Riss. the <i>Kingfisher of Nice</i>
	III. Cæsio, <i>Lacép.</i>		C. smarís, <i>Cuv.</i>
	IV. Gerrus, <i>Cuv.</i>		G. Brasilianus, <i>Cuv.</i>
VI. SQUAMPENES.	I. Chætodon, <i>L.</i>	1. Chætodon, <i>prop. Cuv.</i>	Ch. striatus, <i>L. Zebra fish</i>
		2. Chelmon, <i>Cuv.</i>	Chætodon rostratus, <i>L.</i>
		3. Heniochus	Chætodon acuminatus, <i>L.</i>
		4. Ehippus	Chætodon faber, <i>Brouss. Pilot-fish of Sloane</i>
		5. Taurichthys	T. varius, <i>Cuv. Buffalo-fish</i>
		6. Holocanthus, <i>Lacép.</i>	H. tricolor, <i>Bl. the Widow-coquette</i>
		7. Pomacanthus	Chætodon aureus, <i>Bl.</i>
		8. Platax	Chætodon vespertilio, <i>Bl.</i>
	II. Psettus, <i>Commers.</i>		Chætodon rhombeus, <i>Bl.</i>
	III. Pimelepterus, <i>Lacép.</i>		Xyster nigrescens, <i>Lacép.</i>
VII. SCOMBEROÏDES.	IV. Dipteron		D. capensis, <i>Cuv.</i>
	V. Brama, <i>Bl.</i>		Sparus raii, <i>Bl. Lesser sea-bream of Pennant</i>
	VI. Pempheris, <i>Cuv.</i>		Sparus argenteus, <i>White</i>
	VII. Toxotes, <i>Cuv.</i>		Labrus jaculator, <i>Sh. the Archer</i>
	I. Scomber ..	1. Scomber, <i>prop. Cuv.</i>	S. scombrus, <i>Lin. the Mackarel</i>
		2. Thynnus, <i>Cuv.</i>	Scomber thynnus, <i>Lin. the Tunny</i>
		3. Orycnus, <i>Cuv.</i>	Scomb. alalonga, <i>Gm. Man-of-war</i>
		4. Anxis, <i>Cuv.</i>	Scomb. bisus, <i>Rafin.</i>
		5. Sarda, <i>Cuv.</i>	Scomb. sarda, <i>Bl.</i>
		6. Cybium, <i>Cuv.</i>	C. guttatum, <i>Cuv. Seer-fish of Calcutta</i>
		7. Thyrsites	Scomb. dentatus, <i>Bl.</i>
		8. Gempylus	Scomb. serpens, <i>Solander</i>
	II. Xiphias, <i>Lin.</i>	1. Xiphias, <i>prop. Cuv.</i>	X. gladius, <i>Lin. Commonsword-fish</i>
		2. Tetrapturus, <i>Rafin.</i> ..	T. belone, <i>Rafin. Needle-fish</i>
		3. Makaira, <i>Lacép.</i>	Xiphias makaira, <i>Sh.</i>
		4. Istiophorus, <i>Lacép.</i> ..	Xiph. vilifer, <i>Bl. the Sail-fish</i>
	III. Centro-notus, <i>Lac.</i> ..	1. Naucrates, <i>Rafin.</i>	Scomber ductor, <i>Bl. Pilot-fish</i>
		2. Elacates	El. motta, <i>Russel</i>
		3. Lichia, <i>Cuv.</i>	Scomber auria, <i>Lin.</i>
		4. Trachinotes, <i>Lacép.</i> ..	Chætodon glaucus, <i>Lacép.</i>
	IV. Rhincobdella, <i>Bl.</i> ..	1. Macrogathes, <i>Lacép.</i> ..	Rhincobd. Orientalis, <i>Oriental leech-nose</i>
		2. Mastacembelus, <i>Gronov.</i>	Rhincobd. Haleppensis, <i>Bl.</i>
	V. Campilodon, <i>Oth. Fabric.</i>		Notacanthus nasus, <i>Bl.</i>

ORDER I.—ACANTHOPTERYGII (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
VII. SCOMBEROIDES (<i>continued</i>).	VI. <i>Seriola</i> , <i>Cuv.</i>		{ <i>Scomber lactarius</i> , Bl. <i>Milk-fish of Pondicherry</i>
	VII. <i>Nomeus</i> , <i>Cuv.</i>		{ <i>N. Mauriti</i> , <i>Cuv.</i> the <i>Shepherd-fish</i>
	VIII. <i>Temnodon</i> , <i>Cuv.</i>		<i>T. saltata</i> , <i>Cuv.</i>
	IX. <i>Caranx</i> , <i>Cuv.</i> ..	1. <i>Caranx</i> , prop. <i>Cuv.</i> ...	<i>Scomber trachurus</i> , Lin.
		2. <i>Carangus</i>	<i>Scomb. hippos</i> , Lin. <i>Mackerel</i>
		3. <i>Citulus</i>	<i>Scomb. speciosus</i> , Lacép.
		1. <i>Olistus</i> , <i>Cuv.</i>	<i>O. Malabaricus</i> , <i>Cuv.</i>
	X. <i>Vomer</i>	2. <i>Scyris</i> , <i>Cuv.</i>	<i>Sc. Indica</i> , <i>Cuv.</i>
		3. <i>Blepharis</i> , <i>Cuv.</i>	<i>Bl. Indicus</i> , <i>Cuv.</i>
		4. <i>Gallus</i> , <i>Cuv.</i>	{ <i>Gallichthys major</i> , <i>Cuv.</i> <i>Sea-cock</i>
		5. <i>Argyreioses</i>	<i>Zeus rostratus</i> , Mitchell
	XI. <i>Zeus</i> , <i>Lin.</i> ..	6. <i>Vomer</i> , prop. <i>Cuv.</i> ...	<i>Zeus setapinnis</i> , Mitchell
		1. <i>Zeus</i> , prop. <i>Cuv.</i> ...	<i>Zeus faber</i> , Lin. the <i>Dory</i>
		2. <i>Capros</i> , <i>Lacép.</i>	<i>Zeus aper</i> , Lin.
		3. <i>Chrysostosus</i> , <i>Lacép.</i> ..	<i>Lampris guttatus</i> , Retz.
		4. <i>Equula</i> , <i>Cuv.</i>	<i>Scomber equula</i> , Forskal
VIII. TENIODES.	XII. <i>Stromateus</i> , <i>Lin.</i>	5. <i>Menes</i> , <i>Lacép.</i>	<i>Zeus maculatus</i> , Bl.
		1. <i>Fiatola</i>	<i>Stromateus fiatola</i> , Lin.
		2. <i>Pamphlus</i> , <i>Cuv.</i> ..	{ <i>Strom. niger</i> , Bl. <i>Black pom-fret</i>
		3. <i>Peprilus</i> ...	<i>P. crenulatus</i> , <i>Cuv.</i>
	XIII. <i>Seserinus</i> , <i>Cuv.</i> ..	4. <i>Luvarus</i> , <i>Rafin.</i>	<i>L. imperialis</i> , <i>Rafin.</i>
			<i>S. rondeletii</i> , <i>Cuv.</i>
	XIV. <i>Kustus</i> , <i>Bl.</i>		<i>K. Indicus</i> , Bloch
	XV. <i>Coryphæna</i> , <i>Lin.</i> ..	1. <i>Coryphæna</i> , prop. <i>Cuv.</i>	{ <i>C. hippurus</i> , L. <i>Dorado</i> (commonly but incorrectly,) <i>Dolphin</i>
		2. <i>Caranxomorus</i> , <i>Lacép.</i> ..	<i>Scomber pelagicus</i> , Lin.
		3. <i>Centrolophus</i> , <i>Lacép.</i> ..	<i>Coryphæna pompilus</i> , L.
		4. <i>Astrodermus</i> , <i>Bonnelli</i> ..	<i>A. guttatus</i> , <i>Bonnelli</i>
		5. <i>Oligopus</i> , <i>Lacép.</i> ..	{ <i>Coryphæna vilifera</i> , Pall. the <i>Sail-bearer</i>
IX. THEUTYES.	I. <i>Lepidopus</i> , <i>Gouan.</i>		<i>L. argyreus</i> , <i>Cuv.</i> <i>Silver gar-ter-fish</i>
	II. <i>Trichiurus</i> , <i>Lin.</i>		<i>T. lepturus</i> , Lin. <i>Slender-tailed ribbon-fish</i>
	III. <i>Gymnetrus</i> , <i>Bl.</i>		<i>Regaleus glesne</i> , Ax. <i>King of the herrings</i>
	IV. <i>Stylephorus</i> , <i>Shaw</i>		<i>Styl. chordatus</i> , Sh.
	V. <i>Cæpola</i> , <i>Lin.</i>		{ <i>C. rubescens</i> , L. <i>Reddish ribbon-fish</i>
	VI. <i>Lophotes</i> , <i>Giorna</i>		<i>L. Lacepedii</i> , <i>Giorna</i>
	I. <i>Sijanus</i> , <i>Forsk.</i>		<i>S. stellatus</i> , <i>Forsk.</i>
	II. <i>Acanthurus</i> , <i>Lacép.</i>		{ <i>Chætodon chirurgus</i> , Bl. the <i>Surgeon</i>
			<i>P. microlepidotus</i> , Lacép.
	III. <i>Prionurus</i> , <i>Lacép.</i>		<i>Small-scaled saw-tail</i>
	IV. <i>Naseus</i> , <i>Commers.</i>		{ <i>N. fronticonis</i> , <i>Cuv.</i> <i>Unicorn of Forskal</i>

ORDER I.—ACANTHOPTERYGII (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
IX. THEUTYSES.	V. Axinurus, <i>Cuv</i>		A. thynnoides, <i>Cuv</i> .
	VI. Priodon, <i>Cuv</i>		{ P. annularis, <i>Cuv</i> . <i>Ringed saw-tooth</i>
X. WITH LABYRINTHIFORM PHARYNGEALS.	I. Anabas		{ A. scandens, <i>Cuv</i> . the <i>Climbing-fish</i>
	II. Polyacanthus, <i>Kuhl</i>		Chætodon Chinensis, <i>Bl</i> .
	III. Macropus, <i>Lacép</i>		M. viridi-auratus, <i>Lacép</i> .
	IV. Helostoma, <i>Kuhl</i>		H. Temminkii, <i>Cuv</i> .
	V. Osphromenus, <i>Commers</i>		{ Osph. olfax, <i>Commers</i> . the <i>Gourami</i>
	VI. Trichopus		Labrus trichopterus, <i>Gmel</i> .
	VII. Spirobranchus, <i>Cuv</i>		Sp. capensis, <i>Cuv</i> .
	VIII. Ophicephalus, <i>Bl</i>		{ Oph. punctatus, <i>Bl</i> . <i>Spotted serpent-head</i>
XI. MUGILOIDES.	I. Mugil, <i>Lin</i>		{ M. cephalus, the <i>Common mullet of the Mediterranean</i>
	II. Tetragonurus, <i>Riss</i>		T. Cuvieri, <i>Risso</i>
	III. Atherina, <i>Lin</i>		Ath. presbyter, <i>Cuv</i> . the <i>Priest</i>
XII. GOBIOIDES.	I. Blennius, <i>L</i> .	1. Blennius, prop. <i>Cuv</i> ..	B. galerita, <i>L</i> . the <i>Blenny</i>
		2. Pholis, <i>Artedi</i>	Blen. pholis, <i>L</i> . <i>Smooth Blenny</i>
		3. Myxodes.....	M. ?
		4. Salarias.....	{ Bl. saliens, <i>Com</i> . <i>Leaping blenny</i>
		5. Clinus.....	{ Bl. argenteus, <i>Riss</i> . <i>Silver blenny</i>
		6. Cirrhibarbes, <i>Cuv</i> . ..	C. Indicus, <i>Cuv</i> . <i>Yellow blenny</i>
		7. Gunnellus, <i>Cuv</i>	Bl. gunnellus, <i>Butter-fish</i>
		8. Opistognathus, <i>Cuv</i> ..	O. sonnerati, <i>Cuv</i> .
		9. Zoarcus, <i>Cuv</i>	{ Bl. viviparus, <i>L</i> . <i>Viviparous blenny</i>
	II. Anarrhicas, <i>L</i>		
	III. Gobius, <i>L</i>	1. Gobius, prop. <i>La-cép</i>	{ G. niger, <i>L</i> . <i>Black goby</i> , or <i>Sea gudgeon</i>
		2. Gobioides, <i>Lacép</i> . ..	Gob. Broussonet, <i>Lacép</i> .
		3. Tænioides, <i>Lacép</i> . ..	Cæpola cœcula, <i>Bl</i> .
		4. Periophthalmus, <i>Schn</i> .	Gob. schlosseri, <i>Pall</i> .
		5. Eleotris	{ Gob. dormitor, <i>Lacép</i> . <i>Sleepy goby</i>
	IV. Callionymus, <i>L</i>		C. lyra, <i>L</i> . <i>Yellow dragonet</i>
	V. Trichonotus, <i>Schn</i>		T. setigerus, <i>Bl</i> .
	VI. Comephorus, <i>Lacép</i>		Callionymus baicalensis, <i>Pall</i> .
	VII. Platypterus, <i>Kuhl</i> . & <i>V. Hass</i> .		P. melanocephala, <i>K</i> . & <i>V. H</i> .
	VIII. Labrax, <i>Pall</i>		L. lagocephalus, <i>Pall</i> .

ORDER I.—ACANTHOPTERYGII (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
XIII. PECTORALES PEDICULÉES.	I. <i>Lophius</i> , <i>Lin</i>	1. <i>Lophius</i> , prop. <i>Cuv.</i>	{ <i>L. piscatorius</i> , <i>Fishing frog</i> , or <i>Sea-devil</i>
		2. <i>Antennarius</i> , <i>Com-</i> <i>mers</i>	{ <i>A. pictus</i> , <i>Cuv. Painted sail-</i> <i>fish</i>
		3. <i>Malthe</i>	{ <i>Loph. vespertilio</i> , <i>Sea-bat</i>
	II. <i>Batrachus</i> , <i>Bl.</i>		{ <i>Loph. bufo</i> , <i>Mitch. American</i> <i>toad-fish</i>
XIV. LABROÏDES.	I. <i>Labrus</i> , <i>Lin.</i>	1. <i>Labrus</i> , prop. <i>Cuv.</i>	{ <i>L. maculatus</i> , <i>Bl. Spotted old</i> <i>wife</i>
		2. <i>Cheilinus</i> , <i>Lacép.</i> ..	{ <i>C. trilobatus</i> , <i>Lacép.</i>
		3. <i>Lachnolaimus</i> , <i>Cuv.</i>	{ <i>L. suillus</i> , <i>Cuv.</i>
		4. <i>Julis</i> , <i>Cuv.</i>	{ <i>Labrus julis</i> , <i>Lin.</i>
		5. <i>Anampses</i> , <i>Cuv.</i> ..	{ <i>Labrus tetrodon</i> , <i>Bl.</i>
		6. <i>Crenilabrus</i>	{ <i>Labrus gibbus</i> , <i>L. Gibbous</i> <i>wrasse</i>
		7. <i>Coricus</i> , <i>Cuv.</i>	{ <i>C. rubescens</i> , <i>Risso</i>
		8. <i>Epiboulus</i> , <i>Cuv.</i> ..	{ <i>Sparus insidiator</i> , <i>Pall.</i>
		9. <i>Clepticus</i> , <i>Cuv.</i> ..	{ <i>C. genizara</i> , <i>Cuv.</i>
		10. <i>Elops</i> , <i>Commers.</i> ..	{ <i>Gomphosus viridis</i> , <i>Cuv.</i>
	II. <i>Xirichthys</i> , <i>Cuv.</i>		{ <i>Coryphæna novacula</i> , <i>L. Ra-</i> <i>xor-fish</i>
			{ <i>Sparus chromis</i> , <i>L. Chestnut-</i> <i>fish</i>
			{ <i>C. saxatilis</i> , <i>Bl.</i>
			{ <i>P.</i> ? <i>Cuv.</i>
	III. <i>Chromis</i> , <i>Cuv.</i> ..	1. <i>Chromis</i> , prop. ..	{ <i>Coryphæna plumieri</i> , <i>Lac. Sea-</i> <i>peacock</i>
		2. <i>Cychla</i> , <i>Bl.</i>	{ <i>Sc. psittacus</i> , <i>Forsk. the Par-</i> <i>rot-fish</i>
		3. <i>Plesiops</i> , <i>Cuv.</i>	{ <i>Scar. spinidens</i> , <i>Quoy &</i> <i>Gaym.</i>
		4. <i>Malacanthus</i> , <i>Cuv.</i>	{ <i>Scar. pullus</i> , <i>Forster</i>
	IV. <i>Scarus</i> , <i>L.</i>	1. <i>Scarus</i> , prop. <i>Cuv.</i>	{ <i>F. tabaccana</i> , <i>L. Pipe-fish</i>
		2. <i>Calliodon</i>	{ <i>Fist. Chinensis</i> , <i>Bl. Chinese</i> <i>pipe-fish</i>
		3. <i>Odax</i>	{ <i>C. scolopax</i> , <i>L. Sea-snipe</i>
			{ <i>Cent. scutatus</i> , <i>Shielded snipe</i>
XV. FISTU- LARIÆ.	I. <i>Fistularia</i> , <i>Lin</i>	1. <i>Fistularia</i> , <i>Lacép.</i> ..	{ <i>F. tabaccana</i> , <i>L. Pipe-fish</i>
		2. <i>Aulostoma</i> , prop. ..	{ <i>Fist. Chinensis</i> , <i>Bl. Chinese</i> <i>pipe-fish</i>
	II. <i>Centriscus</i> , <i>Lin</i>	1. <i>Centriscus</i> , prop.	{ <i>C. scolopax</i> , <i>L. Sea-snipe</i>
		2. <i>Amphisile</i> , <i>Klein</i> ..	{ <i>Cent. scutatus</i> , <i>Shielded snipe</i>

SERIES I.—OSSEI.

ORDER II.—MALACOPTERYGII ABDOMINALES.

Ventral fins behind the pectorals; rays soft or articulated. There are five families.

ORDER II.—MALACOPTERYGII ABDOMINALES.

Family.	Genus.	Subgenus.	Example of Species.
I. CYPRINOÏDES.	I. Cyprinus ..	1. Cyprinus, prop. Cuv.	C. carpio, L. the Carp
		2. Barbus, Cuv.	Cyp. barbus, L. the Barbel
		3. Gobio, Cuv.	Cyp. gobio, L. the Gudgeon
		4. Tinca, Cuv.	Cyp. tinca, L. the Tench
		5. Cyrrhinus, Cuv.	Cyp. cirrhosus, Bl.
		6. Abramis, Cuv.	Cyp. brama, L. the Bream
		7. Labeo, Cuv.	Cyp. niloticus, Geoff.
		8. Catastomus, Lesueur	C. cyprinus, Les.
		9. Leuciscus, Klein ..	Cyp. rutilus, L. the Roach
		10. Chela, Buchanan ..	Cyp. cultratus, L. Razor-carp
		11. Gonorhynchus, Gronov.	Cyp. gonorhynchus, Gm.
	II. Cobitis, L.	C. tænia, L.	the River loche
	III. Anableps, Bl.	An. tetarphthalmus, Bl.	
	IV. Pæcilia, Schn.	P. Schneideri, Val.	
	V. Lebias, Cuv.	L. ellipsoïdea, Les.	
	VI. Fundulus, Lacép.	F. cænicolus, Val.	
	VII. Molinesia, Les.	M. latipinna, Les.	
	VIII. Cyprinodon, Lacép.	Cypr. umbra, Cuv.	
II. ESOCES.	I. Esox, L. ..	1. Esox, prop. Cuv. ..	E. lucius, L. the Pike
		2. Galaxias, Cuv.	S. truttaceus, Cuv.
		3. Alepocephalus, Riss	Al. rostratus, Risso
		4. Microstoma, Cuv. ..	Serpula microstoma, Risso
		5. Stomias, Cuv.	Esox boa, Riss. <i>Serpent-pike</i>
		6. Chauliodus, Schn.	C. Sloanii, Schn.
		7. Salanx, Cuv.	S. ? Cuv.
		8. Belone, Cuv.	Es. belone, L. <i>Sea-pike</i> , or <i>Garfish</i>
		9. Scomberesox, Lacép.	S. camperi, Lac. <i>Mackerel-pike</i>
		10. Hemiramphus, Cuv.	H. longirostris, Cuv.
	II. Exocetus, L.	E. volitans, Bl.	<i>Flying fish</i>
	III. Mormyrus, L.	M. Hasselquistii, Geoff.	
III SILUROÏDES.	I. Silurus, L. ..	1. Silurus, prop. Lacép.	S. ?
		2. Silurus spec. Art. & Gron.	S. glanis, L. <i>Seat-fish</i>
		3. Schilbus	S. mystus, Hasselq.
		4. Mystus, Art. & Lin.	
		5. Bagrus ¹	S. erythropterus, Bl.
		6. Pimelodus, prop.	S. 4-maculatus, Bl.
		7. Synodontis, Cuv.	S. clarias, Hasselq.
		8. Agenoïsus, Lacép.	S. militaris, Bl. <i>Horned silure</i>
		9. Doras, Lacép.	S. castatus, L.
		10. Heterobranchus, Geoff.	S. anguillaris, Hasselq.
		11. Plotosus, Lacép.	P. cæsius, Buchan
		12. Callichthys, Lin.	S. callichthys, Bl. <i>Tomoate</i>
	II. Malapterurus, Lacép.	S. electricus, L.	

¹ Bagrus and Pimelodus, prop. are divisions of the subgenus Pimelodus of Lacépède.

ORDER II.—MALACOPTERYGII ABDOMINALES (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
III. SILU- ROIDES.	III. Aspredo, <i>Lin</i>		S. hexadactylus, Lacép.
	IV. Loricaria, { <i>Lin</i> ... {	1. Hypostomus, <i>Lacép.</i> 2. Loricaria, prop. <i>Lacép.</i>	L. plecostomus, L. L. cataphracta, L. <i>Cataphract</i>
IV. SALMONES.	I. Salmo....	1. Salmo, prop. <i>Cuv.</i> ...	S. trutta, L. <i>Salmon trout</i>
		2. Osmerus, <i>Arted.</i> ...	S. eperlanus, L. <i>Smelt</i>
		3. Mallotus, <i>Cuv.</i> ...	S. Groenlandicus, Bl. <i>Green-land salmon</i>
		4. Thymallus, <i>Cuv.</i> ...	S. thymallus, L. <i>Greyling</i>
		5. Coregonus, <i>Cuv.</i> ...	C. hyemalis, Jur.
		6. Argentina, L. .. {	A. sphyraena, L. <i>Sheppy ar- gentine</i>
		7. Curimates, <i>Cuv.</i> ...	S. edentulus, Bl.
		8. Anastomus, <i>Cuv.</i> ...	S. anastomus, L.
		9. Gasteropelecus, <i>Bl.</i>	G. sternicla, Bl.
		10. Piabuqu	S. argentinus, Bl.
		11. Serra-salmo, <i>Lacép.</i>	S. rhomboides, Bl.
		12. Tetragonopterus, <i>Arted.</i>	T. argenteus, <i>Arted.</i>
		13. Chalceus, <i>Cuv.</i>	C. angulatus, Spix
		14. Myletes, <i>Cuv.</i>	M. Duriventris, <i>Cuv.</i>
		15. Hydrocyon, <i>Cuv.</i> ...	S. falcatus, Bl.
		16. Cytharinus, <i>Cuv.</i> ...	C. Geoffroei, <i>Cuv.</i>
		17. Saurus, <i>Cuv.</i>	S. Mexicanus, <i>Cuv.</i>
		18. Scopelus, <i>Cuv.</i>	S. Humbolt, Rip.
		19. Aulopus, <i>Cuv.</i>	S. balbo, Rip.
		20. Sternoptyx, <i>Herman</i>	S. diaphana, Herm.
V. CLUPES.	I. Clupea, L. {	1. Clupea, <i>Cuv.</i>	C. harengus, L. <i>Herring</i>
		2. Alosa, <i>Cuv.</i>	C. alosa, L. <i>Shad</i>
		3. Chatoessus, <i>Cuv.</i> ...	C. thrissa, Bl. <i>Sprat</i>
	II. Odontognathus, <i>Lacép.</i>		O. spinax, Lacép.
	III. Pristigaster, <i>Cuv.</i>		P. cayanus, <i>Cuv.</i>
	IV. Notopterus, <i>Lacép.</i>		N. kaporat, Lacép.
	V. Engraulis, <i>Cuv.</i>		Cl. encrasicholus, L. <i>Anchovy</i>
	VI. Thyssa, <i>Cuv.</i>		C. setirostris, Brouss.
	VII. Megalops, <i>Lacép.</i>		C. gigantea, Shaw
	VIII. Elops, L.		Argentina machnata, Forsk.
	IX. Buterinus, <i>Commers.</i>		Cl. Brasiliensis, Bl.
	X. Chirocentrus, <i>Cuv.</i>		Esox chirocentrus, Lacép.
	XI. Hyodon, <i>Les.</i>		H. clodalis, Les.
	XII. Amia, L.		A. calva, Lin.
	XIII. Sudis, <i>Cuv.</i>		S. gigas, Spix
	XIV. Osteoglossum, <i>Vandeli</i>		O. vandelli, <i>Cuv.</i>
	XV. Lepisosteus, <i>Lacép.</i>		Esox osseus, L. <i>Greater gar- fish</i>
	XVI. Polypterus, <i>Geoff.</i>		P. Senegalus, <i>Cuv.</i>

SERIES I.—OSSEI.

ORDER III.—MALACOPTERYGII SUBBRACHII.

Ventral fins under the pectorals.

Family.	Genus.	Subgenus.	Example of Species.
I. GADOIDES.	I. Gadus, L.	1. Morrhuia	G. morrhua, L. <i>Cod</i>
		2. Merlangus	G. merlangus, L. <i>Whiting</i>
		3. Merluccius	G. merluccius, L. <i>Hake</i>
		4. Lota, Cuv.	G. molua, L. <i>Ling</i>
		5. Motella, Cuv.	G. mustela, L. <i>Whistle-fish</i>
		6. Brosmius, Cuv.	G. brosmius, Gmel.
		7. Brotula, Cuv.	{ Enchelyopus barbatus, Bl. Pout-fish
		8. Phycis, Arted. & Schn.	P. mediterraneus, Lar.
		9. Raniceps	G. raninus, Mull.
II. FLAT FISHES.	II. Lepidoleprus, L.	Riss.	L. cælorhynchus, Rip.
		1. Platessa, Cuv.	Pleur. flesus, L. <i>Flounder</i>
		2. Hypoglossus, Cuv.	Pl. hypoglossus, L. <i>Halibut</i>
		3. Rhombus, Cuv.	Pl. rhombus, L. <i>Brill</i>
		4. Solea, Cuv.	Pl. solea, L. <i>Sole</i>
		5. Monochir, Cuv.	Pl. macrochirus, Lar.
		6. Achirus, Lacép.	Pl. achirus, L.
III. DISCOBOLES.	I. Lepadogaster, Gouan.	1. Lepidogaster, prop.	{ L. gouan, Lacép. <i>Lesser sucking-fish</i>
		2. Gobiesoces, Lacép.	L. dentax, Schn.
	II. Cyclopterus, L.	1. Lumpus	{ Cyclopterus lumpus, L. <i>Lumpfish</i>
		2. Liparis, Arted.	C. liparis, <i>Sea snail</i>
	III. Echeneis, L.	1.	E. remora, L. <i>Sucking-fish</i>
		2.	
		3.	

SERIES I.—OSSEI.

ORDER IV.—MALACOPTERYGII APODES,

Constitute one natural family.

Family.	Genus.	Subgenus.	Example of Species.
I. ANGUILLIFORMES.	I. Muræna, L.	1. Anguilla, Thun. & Shaw	{ A. ?
		2. Anguilla, prop.	Mur. conger, L. <i>Conger eel</i>
		3. Ophisurus, Lacép.	M. serpens, L. <i>Sea serpent</i>
		4. Muræna, prop. Thunb.	M. helena, L. <i>Murane</i>
		5. Spagebranchus, Bl.	S. rostratus, Bl. <i>Double-chin-gill</i>
		6. Monopterus, Com-mers. & Lacép.	{ M. javanais, Lacép.
		7. Synbranchus, Bl.	S. marmoratus, Bl.
		8. Alabes, Cuv.	A. ?

ORDER IV.—MALACOPTERYGII APODES (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
I. ANGUILLIFORMES (<i>continued</i>).	II. Saccopharynx,	<i>Mitch</i>	S. flagellum, Mitch.
	III. Gymnotus, <i>L.</i>	1. Gymnotus, prop.	G. electricus, L. <i>Electric eel</i>
		<i>Lacép.</i>	
		2. Sternarchus, <i>Schn.</i>	G. albifrons, Pall.
	IV. Gymnarchus,	<i>Cuv.</i>	G. Niloticus, Cuv.
	V. Leptocephalus,	<i>Penn.</i>	L. Morisii, Gmel.
VI. Ophidi- um, <i>L.</i>		1. Ophidium, prop.	O. barbatum, Bl.
		2. Fierasfer, <i>Lacép.</i>	O. imberbe, Lin.
		3. Ammodytes, <i>L.</i>	O. tobianus, L. <i>Sand eel</i>

SERIES I.—OSSEI.

ORDER V.—LOPHOBRANCHII.

Gills in tufts; operculum fixed by a membrane which only affords a small aperture for the escape of the water. There are two genera.

	Genus.	Subgenus.	Example of Species.
I. Syngnathus, <i>L.</i>	{	1. Syngnathus, prop.	S. acus, L. <i>Sea adder</i>
		2. Hippocampus, <i>Cuv.</i>	H. brevirostris, Cuv.
		3. Solenostomus, <i>Lacép.</i>	Fistularia paradoxa, Pall.
II. Pegasus, <i>L.</i>			P. draco, L. <i>Sea dragon</i>

SERIES I.—OSSEI.

ORDER VI.—PLECTOGNATHI.

Maxillary fixed to the intermaxillary bones, and the palatal to the cranium. Opercula covered in.

Family.	Genus.	Subgenus.	Example of Species.
I. GYMNO- DONTES.	I. Diodon, <i>L.</i>		D. atinga, Bl. <i>Globe-fish</i>
	II. Tetraodon, <i>L.</i>		T. lineatus, L.
	III. Orthogaris, <i>Schn.</i>		O. spinosus, Bl. <i>Sun-fish</i>
	IV. Triodon		T. bursarius, Reinw.
II. SCLERO- DERMATA.	I. Balistes, <i>L.</i>	1. Balistes, prop.	B. capricus, L. <i>Sea-hag</i>
		2. Monocanthus, <i>Cuv.</i>	B. tomentosus, L.
		3. Aluterus, <i>Cuv.</i>	B. monoceros, L.
		4. Triacanthus, <i>Cuv.</i>	B. biaculeatus, Bl. <i>Long-file-fish</i>
	II. Ostracion, <i>L.</i>		O. bicaudalis, Bl.

SERIES II.—CHONDROPTERYGII.

ORDER I.—ELEUTHEROBRANCHII.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. Accipenser, <i>L.</i>		A. sturio, <i>L.</i> <i>Common sturgeon</i>
II. Polyodon, <i>Lacép.</i>		Squalus spatula, <i>Mand.</i>
III. Chimæra, <i>L.</i>	1. Chimæra, <i>prop.</i>	C. monstrosa, <i>L.</i> <i>King of the herrings</i>
	2. Callorhynchus, <i>Gron.</i>	C. callorhynchus, <i>L.</i> <i>Elephant-fish</i>

SERIES II.—CHONDROPTERYGII.

ORDER II.—PENTOBRANCHII.

<i>Family.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. PLAGIOTOMA.	I Squalus, <i>L.</i>	1. Scyllium, <i>Cuv.</i>	S. canicula, <i>L.</i> <i>Greater cat-fish</i>
		2. Squalus, <i>prop.</i>	S. ?
		3. Carcharias, <i>Cuv.</i>	S. carcharias, <i>L.</i> <i>White shark</i>
		4. Lamna, <i>Cuv.</i>	S. cornubicus, <i>Schn.</i> <i>Porbeagle shark</i>
		5. Galeus, <i>Cuv.</i>	S. galeus, <i>L.</i> <i>Tope</i>
		6. Mustelus, <i>Cuv.</i>	S. mustelus, <i>Lin.</i> <i>Smooth hound</i>
		7. Notidanus, <i>Cuv.</i>	S. griseus, <i>L.</i>
		8. Selache, <i>Cuv.</i>	S. maximus, <i>Basking shark</i>
		9. Cestracion, <i>Cuv.</i>	S. philippi, <i>Schn.</i>
		10. Spinax, <i>Cuv.</i>	S. acanthias, <i>Lin.</i> <i>Hound-fish</i>
		11. Centrina, <i>Cuv.</i>	S. centrina, <i>Lin.</i>
		12. Scymnus, <i>Cuv.</i>	S. squamosus, <i>Lacép.</i>
	II. Zygæna, <i>Cuv.</i>		S. malleus, <i>Val.</i> <i>Hammer-headed shark</i>
	III. Squatina, <i>Dum.</i>		S. squatina, <i>L.</i> <i>Angel-fish</i>
	IV. Pristis, <i>Lath.</i>		P. antiquorum, <i>Lath.</i> <i>Saw-fish</i>
	V. Raia, <i>Lin.</i>	1. Rhinobatus, <i>Schn.</i>	R. rhinobatus, <i>Lin.</i>
		2. Rhina, <i>Schn.</i>	R. ancylostomus, <i>Bl.</i>
		3. Torpedo, <i>Dum.</i>	T. galvanii, <i>Riss.</i> <i>Torpedo</i>
		4. Raia, <i>prop. Cuv.</i>	R. clavata, <i>L.</i> <i>Thornback</i>
		5. Trygon, <i>Adans.</i>	R. pastinaca, <i>L.</i> <i>Sting ray</i>
		6. Anacanthus, <i>Ehrenb.</i>	R. orbicularis, <i>Bl.</i>
		7. Myliobates, <i>Dum.</i>	R. aquila, <i>L.</i> <i>Sea-eagle</i>
		8. Cephalothoptera, <i>Dum.</i>	R. cephalothoptera, <i>Schn.</i>
II. CYCLOTOMA.	I. Petromyzon, <i>L.</i>	Petromyzon, <i>prop.</i>	P. fluviatilis, <i>L.</i> <i>River lamprey</i>
	II. Myxine, <i>L.</i>	1. Heptatrema, <i>Dum.</i>	P. cirrhatum, <i>Forst.</i>
		2. Gastrobranchus, <i>Bloch</i>	G. cæcus, <i>Bl.</i> <i>Blind lamprey</i>
		3. Ammocætes, <i>Dum.</i>	P. branchialis, <i>Lin.</i> <i>Pride of the Isis</i>

INVERTEBRATA.

DIVISION II.—MOLLUSCA.

The animals of this second grand division of the animal kingdom are either *naked* or *testaceous*.

They are divided into six classes.

Division.	Class.
MOLLUSCA..	I. CEPHALOPODA
	II. PTEROPODA
	III. GASTEROPODA
	IV. ACEPHALA
	V. BRACHIOPODA
	VI. CIRRHOPODA

CLASS I.—CEPHALOPODA.

This class, named from the long prehensile arms which surround the head, includes but one order, designated by the same name, divided into six genera.

Genus.	Subgenus.	Example of Species.
I. Sepia.....	1. Octopus, <i>Lam.</i> Po-lypus, <i>Aristotle</i> ..	{ Sepia octopodia, L.
	Eledone, <i>Arist.</i> ...	
	2. Argonauta, <i>Lin.</i> ..	{ Nautilus & Pompilus of the ancients
	3. Bellerophon (Fossil)	
	4. Loligo, <i>Lam.</i>	{ B. vasulites, Montf.
	5. Onykia, <i>Lesueur</i>	
	6. Sepiola, <i>Cuv.</i>	{ On. caribœa, Lesueur
	7. Chondrosepia, <i>Leu-</i> <i>kard</i>	
II. Nautilus	8. Sepia, prop. <i>Lam.</i>	{ Chon. loligiformis, Leukard
	1. Spirula, <i>Lam.</i>	
	2. Nautilus, prop. <i>Cuv.</i>	{ Sepia officinalis, Lin. Common cuttle
		{ N. spirula, L. Rams-horn
		{ N. pompilius, L. Great cham- bered nautilus

CLASS I.—CEPHALOPODA (*continued*).

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
III. Belemnites		
IV. Actinocamax, <i>Miller</i>		
V. Ammonites, <i>Brug.</i>	<ol style="list-style-type: none"> 1. Ammonites, prop. <i>Lam.</i> 2. Ceratites, <i>Haan</i> 3. Orbitulites, <i>Lam.</i> 4. Scaphites, <i>Sowerb.</i> 5. Baculites, <i>Lam.</i> 6. Hamites, <i>Sowerb.</i> 7. Turritiles, <i>Montf.</i> 	<i>These genera, with their subdivisions, are all fossil.</i>
VI. Camerines, <i>Brug.</i>	<ol style="list-style-type: none"> 1. Siderolithes, <i>Lam.</i> 2. Helicostega 	
Nummulites, <i>Lam.</i>	<ol style="list-style-type: none"> Hel. nautiloida Hel. turbinoida Hel. ammonoida 3. Stygostega 4. Enallostega 5. Agathistega 	

CLASS II.—PTEROPODA.

The feet, so to speak, or rather the organs of locomotion of this class, have the appearance of wings or fins. It constitutes, like the last, but one order.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. Clio, <i>Lin.</i>		Clio borealis, Lin.
II. Cymbulia, <i>Peron</i>		
III. Pneumodermon, <i>Cuv.</i>		Pn. Peronii, Cuv.
IV. Limacina, <i>Cuv.</i>		Clio helicina, Phips. & Gm.
V. Hyalea, <i>Lam.</i>		Anomia tridentata, Forskall
VI. Cleodora, <i>Peron.</i>	<ol style="list-style-type: none"> 1. Cleodora, prop. 2. Cresels 3. Cuvieries 4. Psyche 5. Eurybia 	
VII. Pyrgo DeFrance		<i>Fossil</i>

CLASS III.—GASTEROPODA.

Includes the reptilious mollusca. They are naked or testaceous, though all the latter have not a shell large enough to take in the body of the animal. The class is divided into eight orders, viz :—

<i>Class.</i>	<i>Order.</i>
GASTEROPODA....	1. Pulmonaria
	2. Nudibranchiata
	3. Inferobranchiata
	4. Tectibranchiata
	5. Heteropoda
	6. Pectinabranchiata
	7. Scutibranchiata
	8. Cyclobranchiata

ORDER I. PULMONARIA.

These mollusca breathe by a sort of internal lungs, instead of gills. It is composed of the following genera.

<i>Family.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. TERRESTRIAL PULMONARIA.	I. Limax, <i>L.</i> <i>Slug</i>	1. Limax, prop. <i>Cuv.</i> ..	
		2. Arion, <i>Ferussac</i>	Lim. rufus, <i>L.</i>
		3. Limas, <i>Ferussac</i>	Lim. maximus, <i>L.</i>
		4. Vaginulus, <i>Ferussac</i> .Vag. Taunaisii, <i>Ferus.</i>	
		5. Testacella, <i>Lam.</i>	Test. haliotoidea, <i>Draparn.</i>
		6. Parmacella, <i>Cuv.</i>	Parm. Olivieri, <i>Cuv.</i>
	II. Helix, <i>L.</i> .. <i>Snail</i>	1. Helix, prop. <i>Brug.</i> & <i>Lam.</i>	Hel. pomatia, <i>L. Edible snail</i>
		2. Vitrina, <i>Draparn.</i> Helico-Limax, <i>Feruss.</i>	Hel. pellucida, <i>Mül.</i>
		3. Bulimus, prop. <i>Lam.</i> {	Hel. decollata, <i>Gm. Truncated snail</i>
		4. Pupa, <i>Lam.</i>	Bul. labrosus, <i>Oliv.</i>
		5. Chondrus, <i>Cuv.</i>	Bul. zebra, <i>Oliv.</i>
		6. Succinea, <i>Drap.</i>	Suc. amphibia, <i>Drap.</i>
	III. Clausilia, <i>Drap.</i>	{ Turbo perversus, <i>L. Reversed wreath</i>	
	IV. Achatina, <i>Lam.</i>	{ Bulla achatina, <i>Chemn. Broad striped dipper</i>	

ORDER I.—PULMONARIA (*continued*).

Family.	Genus.	Example of Species.
II. AQUATIC PULMONARIA.	V. <i>Onchidium</i> , <i>Buchanan</i>	<i>Onchid. typhæ</i> , Buch.
	VI. <i>Planorbis</i> , <i>Brug</i>	<i>Hel. vortex</i> , Gm.
	VII. <i>Limnæus</i> , <i>Lam.</i>	<i>Hel. stagnalis</i> , Gm.
	VIII. <i>Physa</i> , <i>Drap</i>	<i>Bulla fontinalis</i> , L.
	IX. <i>Scarabæus</i> , <i>Montf</i>	<i>Hel. scarabæus</i> , L.
	X. <i>Auricula</i> , <i>Lam</i>	<i>Aur. myosotis</i> , Drap.
	XI. <i>Conovulus</i> , <i>Lam.</i> <i>Melampes</i> , <i>Montf</i>	<i>Voluta minuta</i> , L.

ORDER II.—NUDIBRANCHIATA.

With naked gills on the back. They are divided into the following genera.

Genus.	Example of Species.
I. <i>Doris</i> , <i>Cuv.</i>	<i>Dor. verucosa</i> , L.
II. <i>Onchidora</i> , <i>Blainv</i>	<i>Onch. Leachii</i> , Blain.
III. <i>Plocamoceros</i> , <i>Leuckard</i>	<i>Ploc. ocellatus</i> , Leach
IV. <i>Polycera</i> , <i>Cuv.</i>	<i>Doris quadrilineata</i> , Müll.
V. <i>Tritonia</i> , <i>Cuv</i>	<i>Trit. Hombergii</i> , Cuv.
VI. <i>Thethys</i> , <i>Lin</i>	<i>T. fimbria</i> , L. Cuv.
VII. <i>Scyllæa</i> , <i>Lin.</i>	<i>S. pelagica</i> , L. Cuv.
VIII. <i>Glaucus</i> , <i>Forster</i>	<i>Doris radiata</i> , Gm.
IX. <i>Laniogerus</i> , <i>Blain</i>	<i>L. Elfortii</i> , Blain.
X. <i>Eolidia</i> , <i>Cuv.</i>	<i>Doris papillosa</i>
XI. <i>Cavolina</i> , <i>Brug</i>	<i>Doris peregrina</i> , Gm.
XII. <i>Flabellina</i> , <i>Cuv.</i>	<i>Doris affinis</i> , Gm.
XIII. <i>Tergipes</i> , <i>Cuv.</i>	<i>Limax tergipes</i> , Forskal
XIV. <i>Busiris</i> , <i>Risso</i>	<i>Bus. griseus</i> , Risso
XV. <i>Placobranchus</i> , <i>Van Hasselt</i>	<i>Plac. Hasseltii</i> , Cuv.

ORDER III.—INFEROBRANCHIATA.

Gills on the lower sides of the body.

Genus.	Example of Species.
I. <i>Phyllidia</i> , <i>Cuv</i>	<i>Phil. trilineata</i> , Seba
II. <i>Diphyllidia</i> , <i>Cuv</i>	<i>Diphyl. Brugmansii</i> , Cuv.

ORDER IV.—TECTIBRANCHIATA—MONOPLEUROBRANCHIATA,
Blain.

Gills like leaflets, on the right side, or on the back.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. Pleurobranchus, <i>Cuv.</i>		Pleur. Peronii, Cuv.
II. Pleurobranchæa, <i>Meckel</i>		Pleur. Meckellii, Lam.
III. Aplysia, <i>Lin.</i>		Apl. fasciata, Poiret
IV. Dolabella, <i>Lam.</i>		Dol. Rumphii, Cuv.
V. Notarchus, <i>Cuv.</i>		Not. gelatinosus, Cuv.
VI. Bursatella, <i>Blain.</i>		Burs. Leachii, Blain.
VII. Akera, <i>Müller.</i>	1. Bullæa, <i>Lam.</i>	Bull. aperta, Lam.
	2. Bulla, <i>Lam.</i>	Bul. lignaria, Lin.
	3. Akera, <i>Cuv.</i>	Bulla carnosa, Cuv.
	dium, <i>Meck.</i> Lo- baria, <i>Blain.</i>	
VIII. Gastropteron, <i>Meckel</i>		Gast. Meckellii, Kosse
IX. Gastrolax, <i>Blain.</i>		Umbrella, <i>Lam.</i>

ORDER V.—HETEROPODA.

In this order, the foot is formed into a vertical muscular lamina, and does not form a disk, as in the other orders.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. Pterotrachea, <i>Forsk.</i>	1. Carinaria, <i>Lam.</i>	Car. cymbium, Lam.
	2. Atlanta, <i>Lesueur</i>	At. Peronii, Lesueur
	3. Firola, <i>Peron</i>	Pter. coronata, Forskal
	4. Timorienna, <i>Quoy.</i> & <i>Gaym.</i>	
	5. Monophora, <i>Peron</i>	
II. Phylliroe		

ORDER VI.—PECTINIBRANCHIATA.

In this numerous order, the gills are pectinated, and occupy the last whorl of the shell.

ORDER VI.—PECTINIBRANCHIATA.

Family.	Genus.	Subgenus.	Example of Species.
I. TROCHOIDA.	I. Trochus, Lin.	1. Tectaria, Montf.	Troch. inermis, Chemnitz
		2. Calcar, Montf.	Turbo calcar, Lin.
		3. Rotella, Lam.	Trochus vestiarius, Lin.
		4. Cantharis, Montf. ..	Trochus iris, Chem.
		5. Infundibulum, Montf.	Trochus concavus, Chem.
		6. Telescopium, Montf.	Trochus telescopium, Mont.
		7. Solarium, Lam.	Trochus perspectivus, Lin.
		8. Evomphalus, Sowerby.	E. pentangulatus, Sower.
	II. Turbo	1. Turbo, prop. Lam. }	Turbo pica, L. & turbo peco-
		Meleager, Mont. }	latus, Lister
		2. Delphinula, Lam. ..	Turbo delphinus, L.
		3. Pleurotoma, DeFrance	Fossil
		Pleurotoma, Lam. }	
		Scissurella, d' Orb }	
		4. Turritella, Lam.	Turbo imbricatus, Marlim.
	III. Paludina, Lam.	5. Scalaria, Lam.	Turbo scalaris, L.
		6. Cyclostoma, Lam. ..	Turbo elegans, L.
		7. Valvata, Müll.	Val. cristata, Mull.
		IV. Littorina, Ferussac	Turbo littorius, L.
		V. Monodon, Lam.	Trochus tessalatus, L.
		VI. Phasianella, Lam.	Buccinum tritonis, Chem.
		1. Lanista, Mont.	Ampulla carinata, Olivier
		VII. Ampulla- ria, Lam. . }	2. Helicina, Lam. Hel. striata, Blain.
		3. Ampullina, Blain. ..	
		4. Olygira, Say	
		1. Rissoa, Freminv. }	Mel. amarula, Lam.
		Acmea, Harm. ... }	
		VIII. Melania	2. Melanopsis, Feruss. . Mel. buccinoidia, Féruss.
		3. Pirena, Lam.	Per. terebralis, Lam.
		IX. Actæon, Mont.	Tornatella, Lam. Voluta tornatilis, L.
		X. Pyramidella, Lam.	Trochus dolabatus, Lam.
		XI. Janthina, Lam.	Helix janthina, L.
		1. Natica, Lam.	
		XII. Nerita, Lin. }	2. Nerita, prop. Lam. }
		Peloronta, Oken. }	
		3. Velata, Montf.	Nerita perversa, Gm.
		4. Neritina, Lam.	N. fluviatilis, L.
II. CUPOLOIDA.	I. Capulus, Lam.	Mont. Pileopsis, }	Patella Hungarica, List.
	II. Hipponix, Dep. P.		Patella cornucopia, Lam.
	III. Crepidula, Lam.		Patella fornicata, Lister
	IV. Pileolus, Sowerby		Pil. plicatus, Sow.
	V. Septaria, Feruss. Navicella, Lam. Cimber, Mont. ..		Patella meritoïdea, List.
	VI. Calyptræa, Lam.		Patella equestris, L.
	VII. Siphonaria, Sowerby		Patella siphonaria, Sowerb.

ORDER VI.—PECTINIBRANCHIATA (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
II. CUPULOIDA.	{ VIII. Sigaretus, <i>Adans.</i>		
	{ IX. Coriocella, <i>Blainv.</i>		
	{ X. Cryptostoma, <i>Blainv.</i>		
III. BUCCINOIDA.	I. Conus, <i>L.</i>		Con. cedonulli, <i>L.</i>
	II. Cypræa, <i>L.</i>		
	III. Ovula, <i>Brug.</i>	1. Ovula, prop. <i>Mont.</i>	Bulla ovum, <i>L.</i>
		2. Volva, <i>Mont.</i>	Bulla volva, <i>L.</i>
		3. Calpurna, <i>Mont.</i>	Bulla vericosa, <i>L.</i>
	IV. Terebellum, <i>Lam.</i>		Ter. subulatum, <i>Lam.</i>
	V. Voluta, <i>Lin.</i>	1. Oliva, <i>Brug.</i>	Oliv. subulata, <i>Lam.</i>
		2. Volvaria, <i>Lam.</i>	Vol. monilis, <i>Lin.</i>
		3. Voluta, prop. <i>Lam.</i>	
		4. Cymbium, <i>Mont.</i>	Vol. æthiopica, <i>List.</i>
		5. Voluta, <i>Mont.</i>	Vol. musica, <i>List.</i>
		6. Marginella, <i>Lam.</i>	Vol. glabella, <i>Adans.</i>
		7. Colombella, <i>Lam.</i>	Vol. mercatoria, <i>List.</i>
		8. Mitra, <i>Lam.</i>	Vol. episcopalis, <i>List.</i>
		9. Cancellaria, <i>Lam.</i>	Vol. cancellata, <i>Lam.</i>
		1. Buccinum, prop. <i>Brug.</i>	Buc. undulatum, <i>L.</i>
		2. Nassa, <i>Lam.</i>	Buc. arcularia, <i>List.</i>
		3. Eburna, <i>Lam.</i>	Buc. glabratum, <i>List.</i>
		4. Ancillaria, <i>Lam.</i>	An. cinnamomea, <i>Lam.</i>
		5. Dolium, <i>Lam.</i>	
		6. Dolium, prop. <i>Mart.</i>	Buc. olearium, <i>Mont.</i>
		7. Perdix, <i>Mart.</i>	Buc. perdix, <i>L.</i>
	VI. Buccinum, <i>Lin.</i>	8. Harpa, <i>Lam.</i>	Buc. harpa, <i>L.</i>
		9. Purpura, <i>Brug.</i>	Buc. persicum, <i>List.</i>
		10. Licorna, <i>Mont.</i>	Buc. monodon, <i>Gm.</i>
	VII. Cerithium, <i>Brug.</i>	Monoceros, <i>Lam.</i>	
		11. Sistra, <i>Montf. Rincinula, Lam.</i>	
		12. Concholepas, <i>Lam.</i>	Buc. concholepas, <i>Brug.</i>
		13. Cassis, <i>Brug.</i>	Buc. vibex, <i>Martin.</i>
		14. Morio, <i>Montf. Cassadaria, Lam.</i>	Buc. caudatum, <i>Lin.</i>
		15. Terebra, <i>Brug.</i>	Buc. maculatum, <i>Lin.</i>
	VIII. Murex, <i>L.</i>	1. Potamida, <i>Brong.</i>	Murex vertagus, <i>List.</i>
		1. Murex, <i>Brug. Lam. Montf.</i>	M. tribulus, <i>List.</i>
		2. Brontis, <i>Montf.</i>	M. haustellum, <i>List.</i>
		3. Typhis, <i>Montf.</i>	M. tubifer, <i>Roissy</i>
		4. Chicoracea, <i>Montf.</i>	M. remosus, <i>Hist.</i>
		5. Aquilla, <i>Montf.</i>	M. cutaceus, <i>L.</i>
		6. Lotorium, <i>Mart.</i>	M. lotorium, <i>L.</i>
		7. Tritonium, <i>Montf.</i>	M. tritonis, <i>L.</i>
		8. Trophona, <i>Montf.</i>	M. Magellanicus, <i>Mart.</i>
		9. Ranella, <i>Lam.</i>	M. bufo, <i>Mont.</i>
		10. Apolles, <i>Montf.</i>	M. gyrinus, <i>Hist.</i>
		11. Fusus, <i>Lam.</i>	
		12. Fusus, prop. <i>Montf.</i>	M. cochlidium, <i>Seba</i>

ORDER VI.—PECTINIBRANCHIATA (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
III. BUCCINOIDES (<i>continued</i>).	VIII. Murex, L. (<i>cont.</i>).	13. Lathira, <i>Mart.</i>	M. vespertilio, Martim.
		14. Struthiolaria	M. stramineus, Gm.
		15. Pleurotoma, <i>Lam.</i> . .	M. babilonius
		16. Clavatula	
		17. Pyrula, <i>Lam.</i>	M. rapa, Martini
		18. Fulgur, <i>Montf.</i>	M. perversus, L.
		19. Fasciolaria, <i>Lam.</i> . .	M. tulipa, L.
		20. Turbinella, <i>Lam.</i> . .	M. scolymus, Mart.
		21. Strombus, <i>Lin.</i>	
		22. Strombus, <i>prop. Lam.</i>	
		23. Pterocera, <i>Lam.</i> . . .	Strombus lambis, Rond.
		24. Rostellaria, <i>Lam.</i> . .	S. pespelicani, L.
		25. Hippocrenes, <i>Mart.</i>	S. amplus, L.

ORDER VII.—TUBULIBRANCHIATA.

Allied in most respects to the previous order, but the shell describes a tube only partially spiral, and is attached to foreign bodies.

	Genus.	Subgenus.	Example of Species.
I.	Vermetus, <i>Adans.</i>		Serpula lumbricalis, L.
		Vermillia, <i>Delamarck</i> . .	S. trigusta, Gm.
II.	Mugilus, <i>Montf.</i>		Mugilus antiquus, Mart.
III.	Siliquaria, <i>Brug.</i>		Serpula anguina

ORDER VIII.—SCUTIBRANCHIATA.

In this order, the shell is not turbinated, and is in fact little else than a mere shield to the gills. The animals are true hermaphrodites.

	Genus.	Subgenus.	Example of Species.
I.	Halyotis, <i>Lin.</i>	{ 1. Halyotis, <i>prop. Lam.</i> . .	Halyotis, Gm.
		{ 2. Padolla, <i>Montf.</i>	Padolla, Montf.
		{ 3. Stromatia, <i>Lam.</i>	Halyotis imperforata, Gm.
II.	Fissurella, <i>L.</i>		Patella of Div. V. of Gm.
III.	Emarginula, <i>Lam.</i>		Patella fissura, L.
IV.	Parmophorus, <i>Lam.</i>		Patella ambigua, Chem.

ORDER IX.—CYCLOBRANCHIATA.

The gills, in the forms of leaflets, are situated under the edge of the mantle. In other respects the order is assimilated to the last.

*Genus.**Example of Species.*

- I. *Patella, L.* *Patella, Gm.*
 II. *Chiton, L.* *Chiton, L.*

CLASS IV.—ACEPHALA.

In this class there is no apparent head, the principal ganglion of the brain being over the mouth, which is situated at the bottom, or between the folds of the mantle.

ORDER I.—ACEPHALA TESTACEA.

In this order, the animals have four branchial leaflets. All the bivalves, and many multivalves, belong to it.

<i>Family.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. OSTRACEA.	I. <i>Acarda, Brug.</i>	1. <i>Radiolites, Lam.</i>	
		2. <i>Spherulites, Lamet-</i>	
		<i>rie</i>	
		3. <i>Calceolaria</i>	
		4. <i>Hippurites</i>	
	Ostracita, <i>La</i>	5. <i>Batolithes, Montf.</i>	
		1. <i>Ostrea, prop. Brug.</i>	<i>Os. edulis, L.</i>
		2. <i>Gryphæa, Lam.</i>	<i>Gr. tricarinata</i>
		3. <i>Pecten, Brug.</i>	<i>Os. maxima, L.</i>
		4. <i>Lima, Brug.</i>	<i>Os. lima, L.</i>
	II. <i>Ostrea, Lin.</i>	5. <i>Pedum, Brug.</i>	<i>Os. spondyloidea, Gm.</i>
		III. <i>Hinnita, Defr.</i>	<i>Hinnita gigantea, Gray</i>
		IV. <i>Plagiostoma, Sowerby</i>	<i>Pl. gigas, Sow.</i>
		V. <i>Pachytes, Defr.</i>	<i>Pac. spinosus, De F.</i>

ORDER I.—ACEPHALA TESTACEA (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
I. OSTRACEA (<i>continued</i>).	VI. Dianchora, <i>Sowerby</i>	.....	D. striata, Sow.
	VII. Podopsis, <i>Lam.</i>	.....	Pod. truncata
	VIII. Anomia, <i>Brug.</i>	.....	An. ephippium, Gm.
	IX. Placuna, <i>Brug.</i>	.....	Anom. placenta, Chem.
	X. Spondylus, <i>L.</i>	.....	Spond. gæderopus, Chem.
		Plicatula, <i>Lam.</i>	Spond. plicatus, L.
	XI. Malleus, <i>Lam.</i>	.....	Ost. malleus, L.
	XII. Vulsella, <i>Lam.</i>	.....	Mya vulsella, Chem.
	XIII. Perna, <i>Brug.</i>	.....	Ost. isignonum, Chem.
		1. Crenatula, <i>Lam.</i>	Gervilia solenoides, Def.
		2. Gervilia, <i>Defr.</i>	
		3. Inoceramus, <i>Sowerby</i>	Inos. concentricus, Parkins
		4. Catillus, <i>Brong.</i>	.... Cat. Cuvieri, Brong.
		5. Pulvinites, <i>Defr.</i>	.... Pul. Adansonii, Dep.
	XIV. Etheria, <i>Lam.</i>	.....	Eth. elliptica, Lam.
	XV. Avicula, <i>Brug.</i>	.....	Mytilus margiritiferus, L.
		1. Pintadina, <i>Lam.</i>	.... Species with ears less salient
		2. Avicula, prop.	.... Species with ears more pointed
II. MYTILACEA.	XVI. Pinna	.....	Pinna nobilis, L.
		1. Arca, prop. <i>Lam.</i>	.... Arca Noë, Chem.
	XVII. Arca, <i>L.</i>	.....	2. Cucullæa, <i>Delamarck</i>
		3. Pectunculus, <i>Lam.</i>	.... Arca pilosa, L.
		4. Nucula, <i>Lam.</i>	.... Arca pellucida, Chem.
	XVIII. Trigonia, <i>Brug.</i>	.....	La Trigonie nacrée, Lam.
	I. Mytilus, <i>Lin.</i>	.....	1. Mytilus, prop.
		2. Modiolus, <i>Lam.</i>	.... Myt. edulis, L.
		3. Lithodomus, <i>Cuv.</i>	.... Myt. lithophagus, L.
	II. Anodontes, <i>Brug.</i>	.....	1. Anodonte, prop.
		2. Iridina, <i>Delamarck</i>	.... Irid. cocotica
		3. Dipsada, <i>Leach</i>	....
	III. Unio, <i>Brug.</i>	.....	1. Unio, prop.
		2. Hyria, <i>Lam.</i>	.... Mya margiritifera, L.
		3. Castalia, <i>Lam.</i>	.... H. rugosa, Lam.
	IV. Cardita, <i>Brug.</i>	.....	Cast. ambigua, Lam.
	V. Cypricardia, <i>Lam.</i>	.....	Chama caliculata, Chem.
	VI. Coralliophaga, <i>Blainv.</i>	.....	Chama oblonga, Gm.
III. CHAMACEA.	VII. Venericardia, <i>Lam.</i>	.....	Chama coralliophaga, Gm.
	VIII. Crassatella, <i>Lam.</i>	Paphia, }	Venus imbricata, Chem.
		Roiss.	Venus ponderosa, Chem.
	I. Chama, <i>Lin.</i>	.....	1. Tridacna, prop. <i>Lam.</i>
		2. Hippopus	.... Chama gigas, L.
		3. Chama, prop. <i>Brug.</i>	.... Chama hippopus, L.
		4. Diceras, <i>Lam.</i>	.... Chama Lazarus, Chem.
		5. Isocardia, <i>Lam.</i>	.... Dic. arietina, Lam.
			.... Chama cor, L.

ORDER I.—ACEPHALA TESTACEA (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
IV. CARDIACEA.	I. Cardium		Cardium edule, L. Hemicardium Card. cardissa, Chem.
	II. Donax, L.		Don. rugosa, Chem.
	III. Cyclas, Brug...	1. Cyclas..... 2. Cyrena, Lam..... 3. Cyprina, L..... 4. Galathæa, Brug....	Tellina cornea, L. Tell. fluminea, Chem. Venus Islandica, Chem. Venus hermaphrodita, Chem.
	III. Corbis, Cuv.	Fimbria, Megerl..	Venus fimbriata, Chem.
	IV. Tellina, L.		<i>These have been subdivided by Gmelin according to the form of the shell</i> Tellina lactea
	V. Loripes, Poli		
	VI. Lucina, Brug.		Venus Pennsylvanica, Chem.
	VII. Ungulina		Un. transversa, Sowerby
	VIII. Venus, L.	1. Venus, prop. Delamarch 2. Astarta, Sow. Crassina, Lam..... 3. Cytherea, Lam..... 4. Capsa, Brug..... 5. Petricola, Lam.....	Venus litterata, Chem. Venus scotica, Hans Lerin Venus gigantea Venus deflorata, Chem. Venus lapicida, Chem.
	IX. Corbula, Brug.		C. gallica
	X. Mactra, L.	1. Mactra, prop. Lam... 2. Lavignon	Mya australis, Chem. Mya Hispanica, Chem.
	I. Mya, Lin..	1. Mya, prop. Lam.... 2. Lutraria, Lam. 3. Anatina, Lam..... 4. Solemya, Lam. 5. Glycymeris, Lam..	Mya truncata, L. Mactra lutraria, Lister Solen anatinus, Chem. Tellina togata, Poli Mya siliqua, L.
		6. Panoepa, Mesnard .. 7. Pandora, Brug.	Mya glycymeris, L. Tellina inequalvis
V. INCLUSA.	II. Byssomia, Cuv.		Mytilus pholadis, Müll.
	III. Hyatella, Daud.		Solen minutus, L.
	IV. Solen, L.	1. Solen, prop. Cuv. 2. Sanguinolaria, Lam.. 3. Psammobia, Lam. 4. Psammothea, Lam..	Solen vagina, Chem. S. sanguinolentus, Chem. Tellini gari, Lin. P. violacea, Lam.
		V. Pholas, L.	Pholas dactylus, L.
	VI. Teredo, L.		T. navalis, L.
	VII. Fistulana, Brug.		Teredo clava, Gm.
	VIII. Gostrochæna, Spengler		Pholas hyans, Chem.
	IX. Teredina, Lam.		T. personata, Lam.
	X. Clavagella, Lam.		Cl. echinata, Lam.
	XI. Aspergillum		Asper Javaneus, Mart.

ORDER II.—ACEPHALA NUDA.

These are without a shell. The gills differ among themselves in form, but never constitute four leaflets, as in the testaceous acephala.

Family.	Genus.	Subgenus.	Example of Species.
I. DISTINCT NAKED ACEPHALA.	I. Biphora, <i>Brug.</i> Thalia, <i>Brown.</i> Salpa & Da- gysa, <i>Gm.</i>	1. Salpa, prop. <i>Cuv.</i> . . . 2. Thalia, <i>Brown</i> . . .	Salpa scutigera, <i>Cuv.</i> Holothuria thalia, <i>Gm.</i>
	II. Ascidia, <i>L.</i> Theyton of the ancients		Asc. pedunculata, <i>Edwards</i>
II. AGGREGATE NAKED ACEPHALA.	I. Botryllus, <i>Gærtn.</i>		Bo. stellia, <i>Gærtner</i>
	II. Pyrosoma, <i>Peron.</i>		
	III. Polyclinium		Pyrosoma elegans, <i>Lesueur</i>

CLASS V.—BRACHIOPODA.

In this class, as in the fourth, the mantle has two lobes, and it is always open; but for feet there are fleshy arms, with numerous filaments, which can be withdrawn into the shell. All the genera are bivalves.

Genus.	Subgenus.	Example of Species.
I. Lingula, <i>Brug.</i>		Lin. anatina, <i>Cuv.</i>
II. Terebratula, <i>Brug.</i> {	1. Spirifer, <i>Sowerby</i> . .	Anomia scobinata, <i>Gualt.</i>
	2. Thecidia, <i>Def.</i>	The. Mediterranea, <i>Risso</i>
III. Orbicula, <i>Cuv.</i>		Patella anomala, <i>Müll.</i>
	Crania, <i>Brug.</i>	Anomia craniolaris, <i>L.</i>

CLASS VI.—CIRRHOPODA.

LEPAS and TRITONS, *Lin.*

In this class, the animals of which approach the Articulata, the mouth is furnished with jaws, and the abdomen with filaments, or cirrhi, in pairs, like those under the tail of several crustacea.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. Anatifa, <i>Brug.</i> ..	1. Pentalasmis, <i>Leach</i> ..	Lepas anatifera, L.
	2. Pollicipes, <i>Leach</i> ..	Lepas pollicipes, L.
	3. Cineras, <i>Leach</i>	C. vittata, Leach
	4. Otion, <i>Leach</i>	Otion Cuvieri, Leach
	5. Tetralasmis, <i>Cuv.</i> ...	T. hirsutus, Cuv.
II. Balanus, <i>Brug.</i> ..	1. Balanus, <i>prop.</i>	Lepas balanus, L.
	2. Acasta, <i>Leach</i>	A. Montagni, Leach
	3. Conia, <i>Blainv.</i>	C. radiata, Blain.
	4. Asama, <i>Ranzani</i> ..	Lepas porosus, Gm.
	5. Pyrgoma, <i>Savig.</i> ..	Py. cancellata, Leach
	6. Oethosia, <i>Ranzani</i> ..	Lepas Stræmii, Müll.
	7. Creusia, <i>Leach</i>	C. spinulosa, Leach
	8. Coronula, <i>Lam.</i>	Lepas balænaris, L.
	9. Tubicinella, <i>Lam.</i> {	La Tubicinelle, <i>Lam. An. Mus.</i> I. xxx.
	10. Diadema, <i>Ranz.</i>	Lepas diademi, Chem.

DIVISION III.—ARTICULATA.

In this grand division, the body, and in general the limbs, are surrounded by, or encased in, articulated rings, affording a support for the soft parts, and an attachment for the muscles.

It is divided into four classes.

<i>Division.</i>	<i>Class.</i>
ARTICULATA..	I. ANNELIDA, <i>Lam.</i> or, Worms with red blood, <i>Cuv.</i>
	II. CRUSTACEA
	III. ARACHNIDA
	IV. INSECTA

CLASS I.—ANNELIDA, or, Worms with red blood.

Body soft, elongated, articulated or divided into segments or transverse folds.

The Annelida are divided into three orders, viz :—

<i>Class.</i>	<i>Order.</i>
ANNELIDA..	1. Tubicola
	2. Dorsibranchiata
	3. Abranchiata

ORDER I.—TUBICOLA.

These animals form tubes to live in, either of calcareous matter exuded from their own body, or from foreign substances, to which tubes they are not however attached, like the tubicolous or testaceous mollusca.

ORDER I.—TUBICOLA.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. <i>Serpula, L.</i>	<i>Serpula contortuplicata, Ellis</i>	
	<i>Spirorbis, Lam.</i>	<i>Serpula spirillum, Pallas</i>
II. <i>Sabella, Cuv.</i>	<i>Sabella protula, Cuv.</i>	
III. <i>Terebella, Cuv.</i>	<i>Ter. conchilega, Gm.</i>	
IV. <i>Amphitrite, Cuv.</i>	<i>Am. auricoma Belgica, Gm.</i>	
V. <i>Syphostoma, Otto</i>	<i>Sy. diplocaita, Otto</i>	
VI. <i>Dentalium, L.</i>	<i>D. elephantinum, Martini</i>	

ORDER II.—DORSIBRANCHIATA.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. <i>Arenicola, Lam.</i>	<i>Lumbricus marinus, L.</i>	
II. <i>Amphinome, Brug.</i>	1. <i>Chloeia, Sav.</i>	<i>Terebella flava, Gm.</i>
	2. <i>Pleione, Sav. Am- phinome, Blain.</i>	<i>Ter. carunculata, Gm.</i>
	3. <i>Euphosine, Sav.</i>	<i>Eu. laureata, Sav.</i>
	4. <i>Hipponoa, Aud. & Edw.</i>	<i>Hip. Gaudichaudi</i>
III. <i>Eunice, Cuv.</i> ..	1. <i>Eunice, Cuv.</i>	<i>Eun. gigantea, Cuv.</i>
	2. <i>Marphisa, Sav.</i>	<i>Ner. sanguinea, Montag.</i>
	3. <i>Lysidica, Sav.</i>	<i>Ly. Valentina, Sav.</i>
	4. <i>Aglaura, Sav.</i>	<i>Ag. fulgida</i>
IV. <i>Nereida, Sav.</i> ..	1. <i>Nereis, prop. Cuv.</i> ..	<i>Nereis versicolor, Gm.</i>
	2. <i>Phyllodoce, Sav.</i> ..	<i>Nereis lamifera Atlantica, Pal-</i>
<i>Lycoris, Sav.</i> ..	<i>Nereiphylla, Blain.</i>	<i>las</i>
V. <i>Alciopa, Aud. & Edw.</i>	<i>Al. Reynaudii, Aud. & Edw.</i>	
VI. <i>Spio, Fab. & Gmel.</i>	1. <i>Spio, prop.</i>	<i>Spio setticornis, Otto</i>
	2. <i>Syllis, Sav.</i>	<i>S. monilaris, Sav.</i>
	3. <i>Glycera, Sav.</i>	<i>Nereis alba, Müll.</i>
	4. <i>Nephtys, Cuv.</i>	<i>Nephtys Hombergii, Cuv.</i>
VII. <i>Lombrinera, Blain.</i>	1. <i>Lombrinera.</i>	<i>Nereis abranchiata, Pallas</i>
	2. <i>Aricia, Sav.</i>	<i>Ar. Cuvieri, Aud. & Edw.</i>
	3. <i>Hesiona</i>	<i>H. splendida, Sav.</i>
VIII. <i>Ophelia, Sav.</i>	<i>Nereis prismatica ?</i>	
IX. <i>Cirrhatura, Lam.</i>	<i>Lumbricus cirrhatus, Ott.</i>	
X. <i>Palmyra, Sav.</i>	<i>Pal. aurifera, Sav.</i>	
XI. <i>Aphrodita, L.</i> ..	1. <i>Halithea, Sav.</i>	<i>Aphrodita aculeata, L.</i>
	2. <i>Polynoe, Sav. Eu- molpe, Oken.</i>	<i>Amphr. squamata, Pall.</i>
	3. <i>Sigalion, Aud. & Edw.</i>	<i>Sig. Mathildæ, Aud. & Edw.</i>
	4. <i>Acoëta, Id.</i>	<i>A. Pleci, Aud. & Edw.</i>
XII. <i>Chætopterus, Cuv.</i>	<i>Ch. pergamentaceus, Cuv.</i>	

ORDER III.—ABRANCHIATA.

Family.	Genus.	Subgenus.	Example of Species.
I. ABRANCHIATA WITH TUFTS.	I. Lumbricus, L.	1. Enterio, Sav.	L. terrestris, L.
		2. Hypogæon	Hy. birtum, Sav.
		3. Trophonia	T. barbata, Aud. & Edw.
	II. Nais, L.		Nais elinguis, Müll.
	III. Climena		Cl. amphistoma, Sav.
II. ABRANCHIATA WITHOUT TUFTS.	I. Hirudo, L.	1. Sanguisuga, Sav. ..	H. medicinalis, L.
		2. Hæmopis, Sav.	H. sanguisuga, Sav. <i>Horse leech</i>
		3. Bdella, Sav.	Bd. Nilotica, Eg.
		4. Nephelis, Sav.	Hir. vulgaris, L.
		5. Trochetia, Dutrochet	Geobdella trochetii, Blain.
		6. Aulostoma, Mo.	A. nigrescens
		quin-Tandou ..	
		7. Branchiobdella, Odier	B. astaci, Od.
		8. Hæmocharis, Sav. ..	Hirudo piscium, L.
		9. Albiona, Sav.	Hir. muricata, L.
		10. Branchellio, Sav. ..	B. torpedinis, Sav.
		11. Clepsines, Sav.	Hir. complanata, L.
		Glossopores, Johns	
		12. Phyllina, Oken.	Hir. hippoglossi, Müll.
		13. Malacobdella, Blain.	Hir. grossa, Müll.
	II. Gordius, L.		G. aquaticus, L.

ARTICULATA.

The following classes of Articulata have articulated feet or legs.

CLASS II.—CRUSTACEA.

This class is divided into two sections.

Class.	Section.
CRUSTACEA..	{ I. MALACOSTRACA
	{ II. ENTOMOSTRACA

The section Malacostraca is divided into five orders.

Section.	Order.
MALACOSTRACA..	{ 1. Decapoda
	{ 2. Stomapoda
	{ 3. Amphipoda
	{ 4. Læmodipoda
	{ 5. Isopoda

The first four orders embrace the genus *Cancer* of Linnæus, and the last that which he names *Oniscus*.

ORDER I.—DECAPODA.

Family.	Genus.	Section.	Subgenus.	Example of Species.
I. BRACHYUROUS DECAPODS.	{ <i>Cancer, Daldort.</i>	I. Natans....	1. Matuta, <i>Fab.</i> . . .	<i>C. latipes</i> , De G��r
			2. Polybius, <i>Leach.</i> {	Polybius Henslowii,
				Leach
			3. Orithyia, <i>Fab.</i>	<i>O. mamillaris</i> , <i>Fab.</i>
			4. Podophthalmus, {	
			<i>Lam.</i>	<i>P. spinosus</i> , <i>Latr.</i>
		II. Arcuata...	5. Portunus, <i>Fab.</i> ..	<i>Por. Dufourii</i> , <i>Latr.</i>
			6. Platyonychus, <i>Cuv.</i>	<i>C. latipes</i> , <i>Plancus</i>
			1. Cancer, prop. <i>Fab.</i>	<i>C. Pagurus</i> , <i>L.</i>
			2. Pirimela, <i>Leach</i> ..	<i>P. denticulata</i>
			3. Atelecyclus, <i>Leach</i>	<i>A. Anglorum</i> , <i>Cuv.</i>
			4. Thia, <i>Leach</i>	<i>T. polita</i> , <i>Leach</i>
			5. Mursia, <i>Leach</i>	<i>M. Africana</i> , <i>Cuv.</i>
			6. Hepatus, <i>Lat.</i>	<i>H. fasciatus</i> , <i>Latr.</i>

ORDER I.—DECAPODA (*continued*).

Family.	Genus.	Section.	Subgenus.	Example of Species.
I. BRACHYUROUS DECAPODS (<i>continued</i>)	Cancer, Daldorf (<i>continued</i>).	III. Quadri-laterata..	1. Eriphia, Lat....	C. spinifrons, Fab.
			2. Trapezia, Lat. . .	C. cymodoce, Herbst.
			3. Pilumnus, Lea...	
			4. Thelphusa, Lat.	C. fluviatilis, Bel. Ron- del. Gesn.
			5. Gonoplax, Lea...	C. angulatus, Lin.
			6. Macrophthal- mus, Lat.	Gonoplax transversus, Latr.
			7. Gelasimus, Latr. Uca, Le.	Gel. Austr. Carolina
			8. Ocypode, Fab. . .	O. rhombea, Fab.
			9. Mictyris, Lat. . .	Mic. Austr. oceani, Cuv.
			10. Pinnotheres, Lat.	
			11. Uca, Latr.	C. uca, Lin.
			12. Cardisoma, Lat. .	C. cordatus, L.
			13. Gecercinus, Leach	C. ruricola, L.
			14. Plagusia, Latr. .	Pla. depressa, Latr.
			15. Grapsus, Lam. . .	Grapsus varius, Latr.
		IV. Orbiculata	1. Corystes, Lat. . .	C. personatus, Herbst.
			2. Leucosia, Fab. . .	Leu. cylindrus, Fab.
			1. Parthenope, Fab..	P. horrida, Fab.
		V. Trigona ...	2. Mithrax, Lea..	Mithrax spinicinctus, Labr.
			3. Acanthonyx, Lat.	Maia glabra, CollinMus. of Nat. Hist.
			4. Pisa, Leach	P. aurita, Latr.
			5. Pericera, Lat. . .	Maia taurus, Lam.
			6. Maia, Leach	C. squinado, Herbs.
			7. Micippus, Lea. . .	C. cristatus
			8. Stenocionops, Lea.	C. cervicornis, Herbs.
			9. Camposcia, Cuv.	
			10. Halimus, Latr. . .	C. superciliosus, Lin.
			11. Hyas, Leach	C. araneus, Lin.
			12. Libinia, Leach . .	L. canaliculata, Say.
			13. Leptopus, Lam. .	Maia longipes, Cuv.
			14. Hymenosoma, Lea.	H. orbicularis, Desmar.
			15. Inachus, Fab. . .	C. dodecos ? Lin.
			16. Achæus, Leach..	A. Cranchii, Leach
			17. Stenorhynchus, Lam.	Macropodia tenuirostris, Lea.
			18. Leptopodia, Leach	Inachus sagittarius, Fab.
			19. Pactolus, Leach .	P. Boscii, Leach
			20. Lithodes, Latr. .	C. maja, Lin.
			VI. Cryptopoda	1. Calappa, Fab....	Cal. granulata, Fab.
		2. Æthra, Leach....		Æ. depressa, Lam.
		VII. Notopoda	1. Homola, Leach . .	H. spinifrons, Leach
2. Dorippe, Fab. . .	D. lanata, Lin.			
3. Dromia, Fab.	C. dromia, Lin.			
4. Dynomene, Latr. .	D. hispida, Desm.			
5. Ranina, Lam.	R. Aldrovandi, Ranz.			

ORDER I.—DECAPODA (*continued*).

<i>Family.</i>	<i>Genus.</i>	<i>Section.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
II. MACROUROUS DECAPODS, EXOCHINATA, <i>Fab.</i>	<i>Astacus, De Gêér & Gronovius.</i>	I. Anomala ..	1. Albunea, <i>Fab.</i> ...	Cancer symnista, Lin.
			2. Hippha, <i>Fab.</i> Em- erita, <i>Gronov.</i> ..	H. adactyla, Fab.
			3. Remipes, <i>Latr.</i> ..	R. testudinarius, Latr.
			4. Birgus, <i>Leach.</i> ...	Cancer latro, Lin.
			5. Pagurus, <i>Fab.</i> ...	Pagurus clypeatus, Fab.
		II. Locustæ ..	1. Scyllarus, <i>Fab.</i> ..	Cancer arctus, Lin.
			2. Palinurus, <i>Fab.</i> ..	P. quadricornis, Fab.
			1. Galathea, <i>Fab.</i> ...	G. rugosa, Fab.
		III. Astacina .	2. Porcellana, <i>Lam.</i> ..	P. Hexapus, Lat.
			3. Megalopus, <i>Lea.</i> }	M.
			Macropus, <i>Lat.</i> }	
			4. Gebia, <i>Leach</i>	Thalassina littoralis
			5. Thalassina, <i>Latr.</i>	Callianassa subterranea, Leach
		IV. Carides ..	6. Callianassa, <i>Lea.</i>	
			7. Axiis, <i>Leach</i>	A. stirhynchus, Leach
			8. Eryon, <i>Desmarest.</i>	E. Cuvieri
			9. Astacus, <i>Gronov.</i> ..	Cancer Norwegicus, Lin.
			1. Penæus, <i>Fab.</i> ...	Palæmon sulcatus, Oliv.
			2. Stenopus, <i>Lat.</i> ..	Cancer setiferus, Lin.
			3. Atya, <i>Leach</i>	A. scabra, Leach
			4. Crangon, <i>Fab.</i> ..	C. vulgaris, Fab.
			5. Processa, <i>Lea.</i> }	Nika edulis, Ris.
			Nika, <i>Risso</i> .. }	
			6. Hymenocera, <i>Latr.</i> }	
			7. Gnathophyl- lum, <i>Lat.</i>	Alpheus elegans, Riss.
			8. Pontonia, <i>Latr.</i> ..	Alpheus thyrenus, Riss.
			9. Alpheus, <i>Fab.</i> ..	A. Malabaricus
			10. Hippolyte, <i>Lea.</i>	
			11. Autonomea, <i>Ris.</i>	A. Olivii, Riss.
			12. Pandalus, <i>Leach</i> .	P. annulicornis, Leach
			13. Palæmon, <i>Fab.</i> ..	P. serratus, Leach
			14. Lysmata, <i>Riss.</i> ..	L. seticauda, Riss.
			15. Athanas, <i>Lea.</i> ..	A. nitescens, Leach
			16. Pasiphæa, <i>Sav.</i> ..	Alpheus sivado, Riss.
			17. Mysis, <i>Latr.</i>	M. Fabricii
			18. Cryptopus, <i>Latr.</i> ..	C. Defranci, Latr.
			19. Mulcion	M. Lesueurii

ORDER II.—STOMAPODA.

Family.	Genus.	Subgenus.	Example of Species.
I. UNI- PELTATA.	I. Squilla, <i>Fab.</i>	1. Squilla, <i>Latr.</i>	Cancer mantis, Lin.
		2. Gonodactylus, <i>Lat.</i>	Squilla scyllarus, Fab.
		3. Coronis, <i>Latr.</i> . . .	Squilla Eusebia ? Riss.
		4. Erichthus, <i>Latr.</i> Smerdis, <i>Lea.</i> }	E. vitreus, Latr.
		5. Alima, <i>Leach</i>	A. hyalina, Latr.
II. BI- PELTATA.	I. Phyllossoma, <i>Leach</i>		

ORDER III.—AMPHIPODA.

Family.	Genus.	Subgenus.	Example of Species.
GAMMARUS, <i>Fab.</i>	I. Uroptera, <i>Lat.</i>	1. Phronima, <i>Latr.</i>	{ Cancer sedentarius, Forsk.
		2. Hyperia, <i>Latr.</i>	{ Cancer monoculoides, Montag.
		3. Phrosine, <i>Riss.</i> . . .	{ P. macrophthalma, Riss.
		4. Dactylocera, <i>Lat.</i>	{ Phrosina semilunata, Riss.
	II. Gammari- na, <i>Latr.</i>	1. Ione, <i>Cuv.</i>	{ Oniscus thoracinus, Trans. Lin. Soc.
		2. Orchestia, <i>Lea.</i> . . .	{ Oniscus gamarellus, Pall.
		3. Talitrus, <i>Lat.</i>	{ Oniscus locusta, Pall.
		4. Atylus, <i>Leach</i> . . .	{ A. carinatus, Leach
		5. Gammarus, prop. <i>Lat.</i>	{ Cancer pulex, Lin.
		6. Melita, <i>Leach</i> . . .	{ Cancer palmatus, Mon- tag.
		7. Mæra, <i>Leach</i> . . .	{ Cancer gammarus grosi- manus, Mont.
		8. Ampithoe, <i>Leach</i> . .	{ Cancer rubricatus, Mont.
		9. Pherusa, <i>Leach</i> . . .	{ P. fucicola, Leach
		10. Dexamine, <i>Lea.</i> . .	{ Cancer gammarus spi- nosus, Mont.
		11. Leucothoe, <i>Lea.</i> . .	{ Cancer articulatus, Mont.
		12. Cerapus, <i>Say</i> . . .	{ Cer. tubularis, Thom.
		13. Pedocerus, <i>Leach</i> .	{ P. variegatus, Leach
		14. Jassa, <i>Leach</i>	{ J. pulchella, Leach
		15. Corophium, <i>Lat.</i> . .	{ Cancer grossipes, Lin.
		16. Pterygocera, <i>Lat.</i>	{ Oniscus arenarius, Ency. Meth.
		17. Apseudes, <i>Lea.</i> Epheus, <i>Risso</i> }	
	III. Decem- pedes, <i>Lat.</i>	1. Typhis, <i>Riss.</i>	{ T. ovooides, Ris.
		2. Anceus, <i>Riss.</i>	{ A. forficularis, Ris.
		3. Praniza, <i>Lea.</i> . . .	{ Oniscus cœruleatus, Mont.

ORDER IV.—LÆMODIPODA.

Genus.	Subgenus.	Example of Species.
Cyamus, <i>Latr.</i>	1. <i>Leptomera, Latr.</i> . .	<i>Gammarus pedatus</i> , Mull.
	2. <i>Naupredia, Latr.</i> . .	
	3. <i>Caprella, Lamck.</i> . .	<i>Squilla lobata</i> , Mull.
	4. <i>Cyamus, Latr.</i>	<i>Oniscus ceti</i> , Lin.

ORDER V.—ISOPODA.

Genus.	Subgenus.	Example of Species.
Oniscus, <i>Lin.</i>	1. <i>Bopyrus, Latr.</i> . .	<i>B. crangorum</i> , Latr.
	2. <i>Serolis, Leach</i> . .	<i>Cymothoa paradoxa</i> , Fab.
	3. <i>Cymothoa, Fab.</i> . .	<i>C. æstrum</i> , Fab.
	4. <i>Ichthyophilus, Lat.</i>	See Desmar. Consid. 307
	5. <i>Canolira, Leach</i> . .	<i>Anilocra capensis</i> ?
	6. <i>Æga, Leach</i>	<i>Æga entaillée</i>
	7. <i>Rocinela, Leach.</i> . .	See Desmar. 304
	8. <i>Conilira, Leach</i> . .	See Desmar. 304
	9. <i>Synodus, Latr.</i> . .	See Ency.method.Art.Synodus
	10. <i>Cirolana, Leach</i>	
	11. <i>Nelocira, Leach.</i> . .	<i>N. Swainsonii</i> ?
	12. <i>Eurydice, Lea.</i> . .	See Desmar. 303
	13. <i>Limnoria, Lea.</i> . .	<i>L. terebrans</i> , Leach
	14. <i>Zuzara, Leach</i> . .	See Desmar. 298
	15. <i>Sphæroma, Lat.</i> . .	<i>Oniscus serratus</i> , Fab.
	16. <i>Næsa, Cuv.</i>	<i>N. bidentata</i> , Des.
	17. <i>Cilicæa, Leach</i> . .	<i>C. Latreillii</i>
	18. <i>Cymodocea, Leach</i>	See Desmar. 296
	19. <i>Dynamene, Lea.</i> . .	See Desmar. 297
	20. <i>Anthurus, Lea.</i> . . .	<i>Oniscus gracilis</i> , Montag.
	21. <i>Idotea, Fab.</i>	<i>Oniscus entomon</i> , Lin.
	22. <i>Stenosoma, Leach.</i>	<i>S. lineare</i> , Leach
	23. <i>Arcturus, Lat.</i> . . .	<i>A. tuberculatus</i> , Cuv.
	24. <i>Asellus, Geoff.</i> . . .	<i>Idotea aquatica</i> , Fabr.
	25. <i>Oniscoda, Lat.</i> . .	<i>Janira maculosa</i> , Leach
	26. <i>Jæra, Leach</i>	<i>Jara albifrons</i> , Leach
	27. <i>Tylos, Lat.</i>	<i>T. armadillo</i> , Latr.
	28. <i>Ligia, Fab.</i>	<i>Oniscus oceanicus</i> , Lam.
	29. <i>Philoscia, Lat.</i> . . .	<i>Oniscus sylvestris</i> , Fab.
	30. <i>Oniscus, prop. Lin.</i>	<i>On. murarius</i> , Fab.
	31. <i>Porcellio, Lat.</i> . . .	<i>Oniscus asellus</i> , Cuv.
	32. <i>Armadillo, Lat.</i> . .	<i>Oniscus armadillo</i>

CRUSTACEA.

GENERAL DIVISION II.—ENTOMOSTRACA

is divided into two orders.

<i>Division.</i>	<i>Order.</i>
ENTOMOSTRACA..	{ 1. Branchiopoda 2. Pæcilopoda

ORDER I.—BRANCHIOPODA.

<i>Genus.</i>	<i>Section.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
Monoculus, <i>Lin.</i>	I. Lophyropa .	1. Zoea, <i>Bosc.</i>	Zoe pelagica, Bosc.
		2. Nebalia, <i>Leach.</i>	N. Herbstii
		3. Condylura, <i>Lat.</i> ..	Con. Dorbignii ?
		4. Cyclops, <i>Müll.</i>	C. castor, Cuv.
		5. Cytherina, <i>Lam.</i>	
		6. Cypris, <i>Müll.</i>	C. strigata, Müll.
		7. Polyphemus, <i>Müll.</i> ..	Monoculus pediculus
		8. Daphnia, <i>Müll.</i>	Monoculus pulex, Lin.
		9. Lynceus, <i>Müll.</i>	G. lynceus, Müll.
	II. Phyllopa..	1. Limnadia, <i>Adolp.</i> ..	Lim. Hermani, Adolp.
		2. Artemia, <i>Leach.</i>	Cancer salinus, Lin.
		3. Branchipus, <i>Lat.</i> ..	Cancer paludosus
		4. Eulimene, <i>Latr.</i> ..	Eul. blanchâtre, Latr.
		5. Apus, <i>Scop.</i>	Monoculus apus, Lin.

ORDER II.—PÆCILOPODA.

<i>Family.</i>	<i>Genus.</i>	<i>Example of Species.</i>
I. XIPHOSURA	{ Limulus, <i>Fab.</i>	Limula heterodactyla, Cuv.
	{ Tachypeus	Lim. cyclops, Fab.

<i>Family.</i>	<i>Tribe.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
II. SIPHONOSTOMA.	I. Caligides, <i>Latr.</i>	I. Argulus, <i>Mull</i>		Monoculus foliaceus, Lin.
		II. Caligus, <i>Mull</i>	1. Caligus, prop. <i>Cuv.</i>	Cal. piscinus, Lat.
			2. Pterygopoda, <i>Lat.</i> ..	See Desmar. Consid. 340
			3. Pandarus, <i>Leach</i> ..	Pan. bicolor, Leach
			4. Dinemoura, <i>Lat.</i> ..	Caligus productus, Müll.
			5. Anthosoma, <i>Leach</i>	An. Smithii, Leach
		III. Cecrops, <i>Leach</i>		Cecrops Latreillii, Leach

ORDER II.—PÆCILOPODA (*continued*).

<i>Family.</i>	<i>Tribe.</i>	<i>Genus.</i>	<i>Example of Species.</i>
II. SIPHONOSTOMA (<i>continued</i>)	II. Lerneiformes, <i>Latr.</i>	I. Dichelestium, <i>Herm.</i> <i>filis</i>	D. sturionis
		II. Nicothoe, <i>Aud. &</i> <i>Miln-Edw</i>	N. Astaci

TRILOBITES.

The singular fossils called Trilobites, are supposed by naturalists to have been *crustacea* allied to *entomostraca*.

The principal genera are

1. Agnostus, *Brong.*
2. Calymene, *Brong.*
3. Asaphus, *Brong.*
4. Ogygia, *Brong.*
5. Paradoxides, *Brong.*

CLASS III.—ARACHNIDA.

The *Arachnida* are divided into two orders.

Class.	Order.
ARACHNIDA..	{ 1. Pulmonariæ 2. Tracheariæ

ORDER I.—PULMONARIA.

Family.	Genus.	Subgenus.	Example of Species.	
I. ARANEIDES.	I. Mygale, Cuv	1. Mygale, prop. Walck.	{ Aranea avicularia, Lin. Atypus Sulzeri, Latr. Eryodon, Lat. E. occatorius, Latr. Dysdera, Lat. D. erythrina, Lat. Filistata, Lat. F. bicolor, Lat.	
		2. Atypus, Latr.		
		3. Eryodon, Lat.		
		4. Dysdera, Lat.		
		5. Filistata, Lat.		
	II. Aranea, Lin.	I. Sedentariæ.	I. Tubiteles	1. Clotho, Walck. { C. uroctea 5-maculata, Dufour
				2. Drassus, Walck. D. viridissimus, Walck.
				3. Segestria, Lat. Aranea florentina, Ross.
				4. Clubiona, Lat.. { Aranea holosericea, Lin.
				5. Aranea, prop. Cuv. Aranea domestica, Lin.
				6. Argyroneta, Lat. Aranea aquatica, Lin.
				7. Scytodes, Latr. S. thoracica, Latr.
				8. Theridion, Walck. { Aranea 13-guttata, Fab.
				9. Episinus, Walck. E. truncatus
				10. Pholcus, Walck { P. Phalangioïdes, Walck.
				11. Linyphia, Latr. L. triangularis, Walck.
				12. Uloborus, Lat. U. Walckensærius, Latr.
				13. Tetragnatha, Lat. T. extensa, Walck.
				14. Epeira, Walck Aranea diadema, Lin.
15. Micrommata, Lat. { Aranea smaragdula, Fab.				
16. Senelops, Duf. S. omalosome, Dufour				
17. Philodromus, Walck. { Araneus margaritarius, Clerck				
18. Thomisus, Walck. Aranea globosa, Fab.				
19. Storena, Walck.				

ORDER I.—PULMONARIA (*continued*).

Family.	Genus.	Division.	Section.	Subgenus.	Example of Species.
I. ARANEIDES (<i>cont.</i>).	I. Aranea, <i>Lin.</i>	II. Vagabundi.	I. Citigrades	20. Oxyopes, <i>Latr.</i>	{ Sphasus heterophthalmus, Walck.
				21. Ctenus, <i>Walck.</i>	
				22. Dolomedes, <i>Latr.</i>	{ Araneus mirabilis, Clerck
				23. Lycosa, <i>Latr.</i> ..	{ Aranea tarantula, Lin.
				24. Myrmecia, <i>Latr.</i> ..	{ M. fauve, Cuv.
			II. Saltigrades	25. Tassarops, <i>Raf.</i> ..	{ Aranea sanguinolenta, Lin.
				26. Palpimanus, <i>Duf.</i>	
				27. Eresus, <i>Walck.</i> ..	
				28. Salticus, <i>Latr.</i>	

	Genus.	Subgenus.	Example of Species.
II. PEDI-PALPI.	I. Tarantula, <i>Fab.</i> ..	1. Phrynus, <i>Oliv.</i>	{ Phalangium reniforme, Lin.
		2. Thelyphonus, <i>Lat.</i>	{ Phalangium caudatum, Lin.
	II. Scorpio, <i>Lin.</i>	1. Buthus, <i>Leach.</i> ..	{ Scorpio, Afer, Lin.
		2. Scorpio, prop.	{ S. Europæus, L.

ORDER II.—TRACHEARIE.

Family.	Tribe.	Genus.	Example of Species.
I. PSEUDO-SCORPIONES.		I. Galeodes, <i>Oliv.</i>	Solpuga fatalis, Fab.
		II. Chelifer, <i>Geoff.</i>	{ Phalangium cancrioides, Lin.
II. PYCNOGONIDES.		I. Pycnogonum, <i>Brun.</i>	Mül. Zool. Dan. 119.20.
		II. Phoxichilus, <i>Latr.</i>	{ Pycnogonum spinipes, Fab.
		III. Nymphon, <i>Fab.</i>	{ Pycnogonum grossipes, Fab.
III. HOLETRA, Herm.	I. Phalangita, <i>Latr.</i>	I. Phalangium, <i>Lin.</i>	{ P. cornutum, Lin.
		II. Siro, <i>Latr.</i>	{ S. rubens, Latr.
		III. Macrocheles, <i>Lat.</i> ..	{ Acarus marginatus, Herm.
		IV. Trogulus, <i>Lat.</i>	{ Trogulus nepæformis, Lat.

ORDER II.—TRACHEARIE (*continued*).

Family.	Tribes.	Genus.	Subgenus.	Example of Species.
III. HOLETRA, <i>Herm.</i> (<i>continued</i>).	II. Acarites.	I. Acarus, <i>L.</i>	1. Trombidium, <i>Fab.</i>	T. holosericeum, <i>Fab.</i>
			2. Erythræus, <i>Latr.</i>	E. Phalangioides, <i>Latr.</i>
			3. Gamasus, <i>Lat.</i> ..	G. marginatus, <i>Lat.</i>
			4. Chelyetus, <i>Lat.</i>	Acarus eruditus, <i>Schrank</i>
			5. Oribata, <i>Latr.</i>	
			6. Uropoda, <i>Lat.</i>	Acarus vegetans, <i>De Géer</i>
			7. Acarus, <i>prop. Fab.</i>	Acarus domesticus, <i>De Géer</i>
			8. Bdella, <i>Lat.</i> ..	Acarus longicornis, <i>Lin.</i>
			9. Smaridia, <i>Lat.</i>	Acarus sambuci, <i>Schrank</i>
			10. Ixodes, <i>Lat.</i> ...	Acarus ricinus, <i>Lin.</i>
			11. Argas, <i>Lat.</i> ...	Ixodes reflexus, <i>Fab.</i>
			12. Elyais, <i>Lat.</i> ...	Atax extendens, <i>Fab.</i>
			13. Hydrachna, <i>Lat.</i>	Atax geographicus, <i>Fab.</i>
			14. Limnochares, <i>Lat.</i>	Acarus aquaticus, <i>Lin.</i>
			15. Caris, <i>Lat.</i>	C. vespertilionis, <i>Latr.</i>
			16. Leptus, <i>Latr.</i> ..	Acarus autumnalis, <i>Shaw</i>
			17. Aclysia, <i>Aud.</i> ...	A. du dytique, <i>Cuv.</i>
			18. Atoma, <i>Latr.</i> ..	Acarus parasiticus, <i>De Géer</i>
			19. Ocypete, <i>Leach.</i>	O. rubra, <i>Leach</i>

CLASS IV.—INSECTA.

The Insects are divided into twelve orders.

<i>Class.</i>	<i>Order.</i>
INSECTA....	<div style="display: flex; align-items: center;"> <div style="font-size: 4em; margin-right: 10px;">{</div> <div> <ol style="list-style-type: none"> 1. Myriapoda 2. Thysanoura 3. Parasita 4. Suctoria 5. Coleoptera 6. Orthoptera 7. Hemiptera 8. Neuroptera 9. Hymenoptera 10. Lepidoptera 11. Rhipiptera 12. Diptera </div> </div>

ORDER I.—MYRIAPODES.

<i>Family.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. CHILO- NATHA.	{ I. Iulus, <i>Lin...</i>	{ <ol style="list-style-type: none"> 1. Glomeris, <i>Latr.</i> Iulus ovalis, <i>Lin.</i> 2. Iulus, prop. <i>Lin.</i> I. maximus, <i>Lin.</i> 3. Polydesmus, <i>Lat.</i> .. Iulus complanatus, <i>Fab.</i> 4. Pollyxenus, <i>Latr.</i> .. Scolopendra lagura, <i>L.</i> 	
II. CHILO- PODA, <i>Lat.</i>	{ Scolopendra, <i>Lin.</i>	{ <ol style="list-style-type: none"> 1. Scutigera, <i>Lam.</i> Iulus araneoides, <i>Pall.</i> 2. Lithobius, <i>Leach</i> ... Scolopendra forficata, <i>Lin.</i> 3. Scolopendra, prop. <i>Lin.</i>..... } Sc. cingulata, <i>Latr.</i> 	

ORDER II.—THYSANOURA.

<i>Family.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. LEPIS- MENÆ, <i>Lat.</i>	{ Lepisma, <i>L.</i>	{ <ol style="list-style-type: none"> 1. Machilis, <i>Latr.</i> .. Lepisma polypoda, <i>Lin.</i> 2. Lepisma, prop. <i>Lin.</i> L. saccharina, <i>Lin.</i> 	
II. PODU- RELLÆ, <i>Lat.</i>	{ Podura, <i>L.</i>	{ <ol style="list-style-type: none"> 1. Podura, <i>Lat.</i> P. arborea, <i>Lin.</i> 2. Symnthurus, <i>Lat.</i> Podura atra, <i>Lin.</i> 	

ORDER III.—PARASITA.

Genus.	Subgenus.	Example of Species.
Pediculus, <i>Lin.</i>	1. Pediculus, prop. <i>De G.</i>	P. humanus corporis, De G.
	2. Hæmatopinus, <i>Leac.</i>	Pediculus suis, Pinz
	3. Ricinus, <i>De G.</i> Sub- divided by <i>Nitzsch</i>	{ Pediculus sternæ hirundinis, Lin.

ORDER IV.—SUCTORIA.

Genus.	Example of Species.
Pulex, <i>L.</i>	Pulex irritans, <i>L.</i>

ORDER V.—COLEOPTERA.

SECTION I.—PENTAMERA.

Family.	Tribe.	Section.	Genus.	Subgenus.	Example of Species.
I. CARNIVORA.	I. Cicindeletæ, <i>Lat.</i>	..	Cicindela, <i>Lin.</i>	1. Manticora, <i>Fab.</i>	M. maxillosa, <i>Fab.</i>
				2. Megacephala, <i>Lat.</i>	{ Cicindela megaloce- phala, <i>Fab.</i>
				3. Oxycheila, <i>Dej.</i>	Cicindela tristis, <i>Fab.</i>
				4. Euprosopus, <i>Lat.</i>	{ Cicindela 4-notata, Cuv.
				5. Cicindela, prop. <i>Lat.</i>	{ C. campestris, <i>Lin.</i>
	II. Carabici, <i>Lat.</i>	I. Truncatipennes.	Carabus, <i>L.</i>	6. Ctenostoma, <i>Klug.</i>	
				7. Therates, <i>Latr.</i>	
				8. Colliurus, <i>Lat.</i> . . .	C. longicollis, <i>Cuv.</i>
				9. Tricondyla, <i>Lat.</i>	
				1. Anthia, <i>Web.</i>	
				2. Graphipterus, <i>Lat.</i>	{ Anthia exclamationis, Fab.
				3. Aptinus, <i>Bon.</i>	{ Brachinus displosor, Duf.
				4. Brachinus, <i>Web.</i>	B. complanatus, <i>Fab.</i>
				5. Casnonia, <i>Latr.</i>	{ Attelabus Pennsylvani- cus, <i>Lin.</i>
				6. Leptotrachelus, <i>Lat.</i>	{ Odacantha dorsalis, Fab.
				7. Odacantha, <i>Payk.</i>	O. melanura
				8. Zuphium, <i>Lat.</i> . . .	Galerita olens, <i>Fab.</i>
				9. Polistichus, <i>Bon.</i>	Galerita fasciolata, <i>Fab.</i>

ORDER V.—COLEOPTERA (*continued*).SECTION I.—PENTAMERA (*continued*).

Family.	Tribe.	Section.	Genus.	Subgenus.	Example of Species.		
I. CARNIVORA (<i>continued</i>).	II. Carabici, <i>Lat.</i> (<i>continued</i>).	I. Truncatipennes (<i>cont.</i>).		10. Helluo, <i>Bon.</i>	H. costatus, Cuv.		
				11. Drypta, <i>Latr.</i> . .	D. emarginata, Fab.		
				12. Trichognatha, <i>Lat.</i>	{ T. marginipennis, St. Hil.		
				13. Galerita, <i>Fab.</i> . .	G. occidentalis, Dej.		
				14. Cordistes, <i>Lat.</i>			
				15. Ctenodactyla, <i>Dej.</i>	{ Ct. Chevrolatii, Dej.		
				16. Agra, <i>Fab.</i>			
				17. Cymindis, <i>Lat.</i>			
				18. Calleida, <i>Dej.</i>			
				19. Demetrias, <i>Bon.</i>			
				20. Dromias, <i>Bon.</i>			
				21. Lebia, <i>Latr.</i> . . .	{ Carabus cyanocephalus, Lin.		
				22. Plochionus, <i>Dej.</i> .			
				23. Orthogonius, <i>Dej.</i>			
				24. Coptodera, <i>Dej.</i>			
	II. Carabici, <i>Lat.</i> (<i>continued</i>).	II. Bipartiti.	Carabus, <i>L.</i>	25. Enceladus, <i>Bon.</i> .	E. gigas, Bon.		
				26. Siagona, <i>Latr.</i> . .	S. rufipes, Lat.		
				27. Carenum, <i>Bon.</i> . .	Scarites cyaneus, Fab.		
				28. Pasimachus, <i>Bon.</i>			
				29. Acanthoscelis, <i>Lat.</i>	{ Scarites ruficornis, Fab.		
				30. Scarites, <i>Fab.</i> . .	S. Pyracmon, Bon.		
				31. Oxygnathus, <i>Dej.</i>	{ Scarites elongatus, Wieden		
				32. Oxystomus, <i>Lat.</i> .	O. cylindricus, Dej.		
				33. Camptodontus, <i>Dej.</i>	{ C. Cayennensis, Dej.		
				34. Clivina, <i>Lat.</i> . . .	Tenebrio fossor, Lin.		
				35. Dyschirius, <i>Bon.</i> .	D.		
				36. Morio, <i>Lat.</i> . .	{ Harpalus monilicornis, Lat.		
				37. Ozæna, <i>Oliv.</i> . . .	O. dentipes, Oliv.		
				38. Ditomus, <i>Bon.</i> . .	{ Carabus Calydonius, Fab.		
	III. Quadrimani.			39. Apotomus, <i>Hoff.</i> .	Scarites rufus, Oliv.		
				40. Acinopus, <i>Zeigl.</i>	{ Harpalus megacephalus, Lat.		
				41. Daptus, <i>Fisch.</i> . .	{ Acinopus maculipennis, Dej.		
				42. Harpalus, <i>Dej.</i> . .	Carabus æneus, Fab.		
				43. Ophonus, <i>Zeigl.</i> . .			
				44. Stenolophus, <i>Zeigl.</i>	{ S. vaporariorum, Dej.		
				45. Acupalpus, <i>Lat.</i>	{ Carabus meridianus, Lin.		

ORDER V.—COLEOPTERA (*continued*).SECTION I.—PENTAMERA (*continued*).

Family.	Tribe.	Section.	Genus.	Subgenus.	Example of Species.	
I. CARNIVORA.	II. Carabici, <i>Lat.</i> (<i>continued</i>).	IV. Simplicimani.	Carabus, <i>L.</i>	46. Zabrus, <i>Clairv.</i> ...	Carabus gibbus, Fab.	
				47. Pogonus, <i>Zielg.</i> ...	P. halophilus, Germar.	
				48. Tetragnode- rus, <i>Dej.</i>	{ Harpalus circumfusus, Germar.	
				49. Feronia, <i>Lat.</i> ..	{ Carabus picimanus, Dufts.	
				50. Myas, <i>Cuv.</i>	M. chalybæus, Cuv.	
				51. Cephalotes, Bon.	{ Carabus cephalotes, Fab.	
				52. Stomis, <i>Clairv.</i> ..	S. pumicatus, Clair.	
				53. Cetascopus, <i>Kirb.</i>	C. Hardwickii, Kirby	
				54. Colpodes, <i>Macl.</i> ..	Col. brunneus, Macl.	
				55. Mormolyce, Hegem.	{ Mor. phyllodes, Ha- gem.	
				56. Sphodrus, <i>Clairv.</i>	{ Carabus leucophthal- mus, Lin.	
				57. Ctenipus, <i>Latr.</i>	{ Sphodrus janthinus, Dej.	
				58. Calathus, <i>Bon.</i> ..	{ Carabus melanoceph- lus, Fab.	
				59. Taphria, <i>Bon.</i> ..	Carabus vivalis, Illig.	
				60. Dolichus, <i>Bon.</i> {	Carabus flavicornis, Fab.	
	V. Patellinani.			61. Platynus, <i>Bon.</i> ...	P. complanatus, Bon.	
				62. Agonum, <i>Bon.</i> ..	Harpalus viduus, Gyll.	
				63. Anchomenus, <i>Bon.</i>	Carabus prasinus, Fab.	
				64. Callistus, <i>Bon.</i> ..	Carabus lunatus, Fab.	
				65. Oodes, <i>Bon.</i> .. {	Carabus helopioides, Fab.	
				66. Chlænus, <i>Bon.</i> ...	C. cinctus, Fab.	
				67. Epomis, <i>Bon.</i> ...	Dinodes rufipes, Bon.	
				68. Rembus, <i>Latr.</i> ...	R. politus, Dej.	
				69. Dicælus, <i>Bon.</i>		
				70. Licinus, <i>Latr.</i> ..	Carabus agricola, Oliv.	
	VI. Grandipalpi.			71. Badister, <i>Clairv.</i>	{ Carabus bipustulatus, Fab.	
				72. Pelecium, <i>Kirby.</i>	P. cyanipes, Kirb.	
				73. Cynthia, <i>Lat.</i>		
				74. Panagæus, <i>Lat.</i> {	Carabus crux-major, Fab.	
				75. Loricera, <i>Lat.</i> ..	L. ænea, Lat.	
				76. Patrobus, <i>Meg.</i> ...	Carabus rufipes, Fab.	
				77. Pamborus, <i>Latr.</i>	P. alternans, Cuv.	
				78. Cychnus, <i>Latr.</i> ..	C. rostratus, Fab.	
				79. Scaphinotus, <i>Lat.</i>	Cychnus elevatus, Fab.	
				80. Sphæroderus, <i>Cuv.</i>		
				81. Tefflus, <i>Leach</i> ..	Carabus Megerlei, Fab.	
				82. Procerus, <i>Meg.</i> ...	Carabus scabrosus, Fab.	
				83. Procrustes, <i>Bon.</i> ..	Carabus coriaceus, Fab.	

ORDER V.—COLEOPTERA (*continued*).SECTION I.—PENTAMERA (*continued*).

Family.	Tribe.	Section.	Genus.	Subgenus.	Example of Species.
I. CARNIVORA (<i>continued</i>).	II. Carabici, <i>Lat. (cont.)</i>	II. Sub- VI. Grandpalpi. lipalpi. (<i>cont.</i>)	Carabus, L....	84. Carabus, <i>Lin.</i> ...	C. auratus, Lin.
				85. Calosoma, <i>Web.</i> {	Carabus sycophanta, Lin.
				86. Pogonophorus, { <i>Lat.</i>	Carabus spinibarbis, Fab.
				87. Nebria, <i>Latr.</i> ...	N. arenaria, Latr.
				88. Alphæus, <i>Bon.</i> ...	C. Helwigii, Pan.
				89. Omophron, <i>Latr.</i>	
				90. Elaphrus, <i>Fab.</i> ...	Carabus borealis, Fab.
				91. Notiophilus, { <i>Dumer.</i>	Cicindela aquatica, Lin.
				92. Bembidion, { <i>Latr.</i>	Cicindela flavipes, Lin.
				93. Trechus, <i>Clairv.</i> ...	T. rubens, Clairv.
II. BRACHELYTRA.	III. Hydrocanthari.	II. Longi- I. Fissi- palpi. labra.	I. Dytis- cus, <i>Geoff.</i>	1. Dytiscus, <i>Cuv.</i> ...	D. latissimus, Lin.
				2. Colymbetes, <i>Clair.</i>	Dytiscus fuscus, Panz.
		....		3. Hygrobia, <i>Lat.</i> {	Hydrachna Hermannii, Fab.
				4. Hydroporus, <i>Clair.</i>	Hydrachna gibba, Fab.
				5. Noterus, <i>Clairv.</i> {	Dytiscus crassicornis, Fab.
				6. Haliplus, <i>Latr.</i> ...	Dytiscus fulvus, Fab.
			II. Gyrinus, <i>L.</i>	Gyrinus natator, Lin.	
				1. Oxyporus, <i>Fab.</i> ...	Staphylinus rufus, Lin.
				2. Astrapæus, <i>Grav.</i>	Staphylinus ulmi, Oliv.
				3. Staphylinus, <i>Fab.</i>	S. dilatatus, Fab.
				4. Pinophilus, <i>Grav.</i>	P. latipes, Grav.
				5. Lathrobium, <i>Grav.</i>	L. elongatum, Panz.
				6. Pæderus, <i>Fab.</i> {	Staphylinus riparius, Panz.
				7. Stilicus, <i>Latr.</i>	
				8. Evæsthetus, <i>Grav.</i>	E. scaber, Grav.
				9. Stenus, <i>Latr.</i> ...	Staphylinus 2-gutta- tus, Lin.
			I. Sta- phylinus, <i>Lin.</i> ...	10. Oxytelus, <i>Grav.</i>	
				11. Osorius, <i>Leach</i>	
				12. Zyrophorus, { <i>Dalm.</i>	Z. fronticornis, Dal- man.
				13. Prognatha, { <i>Latr.</i>	Siagonum quadricorne, Kir. & Sp.
				14. Coprophilus, { <i>Lat.</i>	Gmalium rugosum, Grav.
				15. Omalium, <i>Grav.</i>	
				16. Lesteva, <i>Latr.</i>	
				17. Micropeplus .. {	Omalium porcatum, Gyll.

ORDER V.—COLEOPTERA (*continued*).SECTION I.—PENTAMERA (*continued*).

Family.	Tribe.	Section.	Genus.	Subgenus.	Example of Species.
II. MICROPTERA, <i>Graven. (cont.)</i>	III. Hydrocanthari.	IV. De- pressa.	Staphyli- nus, <i>Lin.</i>	18. Proternus, <i>Lat.</i>	{ Omalium ovatum, Grav.
				19. Aleochara, <i>Grav.</i>	{ Staphylinus canalicu- latus, <i>Fab.</i>
				20. Lomechusa, <i>Grav.</i>	{ Aleochara bipunctata, Grav.
				21. Tachinus, <i>Grav.</i>	{ Oxyporus subterra- neus, <i>Fab.</i>
				22. Tachyporus, <i>Grav.</i>	{ Oxyporus rufipes, <i>Fab.</i>
III. SERRICORNES.	I. Sternoxi.	I. Bu- prestides.	Bupres- tis, <i>Lin.</i>	1. Buprestis, <i>Lin.</i>	{ B. fasciculata, <i>Lin.</i>
				2. Aphanisticus, <i>Lat.</i>	{ Buprestis emarginata, <i>Fab.</i>
				3. Melasis, <i>Oliv.</i>	{ M. buprestoides, <i>Oliv.</i>
				1. Galba, <i>Latr.</i>	{ Melasis tuberculata ?
				2. Eucnemis, <i>Arh.</i>	{ E. capucinus, <i>Mann.</i>
				3. Adelocera, <i>Lat.</i>	{ Elater ovalis, <i>Germ.</i>
				4. Lissomus, <i>Dalm.</i>	{ L. punctulatus, <i>Dalm.</i>
				5. Chelonarium, <i>Fab.</i>	
				6. Throscus, <i>Latr.</i>	{ Elater domestoides, <i>Lin.</i>
				7. Cerophytum, <i>Lat.</i>	
				8. Cryptostoma, <i>Dej.</i>	{ Elater denticornis, <i>Fab.</i>
				9. Nematodes, <i>Lat.</i>	{ Eunemis filum, <i>Man- ner.</i>
				10. Hemirhipus, <i>Lat.</i>	{ Elater flabellicornis, <i>Fab.</i>
				11. Ctenicera, <i>Lat.</i>	{ Elater pectenicornis, <i>Lat.</i>
				12. Elater, <i>Cuv.</i>	{ E. noctilucus, <i>Lin.</i>
				13. Campylus, <i>Fris.</i>	{ Elater linearis, <i>Lin.</i>
				14. Phyllocerus, <i>Cuv.</i>	
II. Malacodermes.	I. Elaterides.	II. Elater, <i>Lin.</i>	Elater, <i>Lin.</i>	1. Physodactylus, <i>Fris.</i>	{ P. Henningii, <i>Hen.</i>
				2. Cebrio, <i>Oliv.</i>	{ C. gigas, <i>Fab.</i>
				3. Anelastes, <i>Kirb.</i>	{ A. Drurii, <i>Kirb.</i>
				4. Callirhipis, <i>Lat.</i>	{ C. Dejeanii, <i>Cuv.</i>
				5. Sandalus, <i>Knoch.</i>	{ S. petrophya, <i>Knog.</i>
				6. Rhipicera, <i>Lat.</i>	{ R. marginata, <i>Latr.</i>
				7. Ptilodactyla, <i>Illig.</i>	{ P. elaterina, <i>Illig.</i>
				8. Dascillus, <i>Lat.</i>	{ Atopa cervina, <i>Fab.</i>
				9. Elodes, <i>Lat.</i>	
				10. Scyrtes, <i>Lat.</i>	
				11. Nycteus, <i>Lat.</i>	{ Eucinetus hemorrhoi- dalis, <i>Germ.</i>
				12. Eubria, <i>Zéig.</i>	{ Cyphon palustris, <i>Germ.</i>
II. Malacodermes.	I. Cebriionites.	I. Cebrio, <i>Oliv.</i>	Cebrio, <i>Oliv.</i>		

ORDER V.—COLEOPTERA (*continued*).SECTION I.—PENTAMERA (*continued*).

Family.	Section.	Tribe.	Genus.	Subgenus.	Example of Species.
III. SERRICORNES (<i>continued</i>).	II. Malacodermes (<i>continued</i>).	II. Lampyrides.	Lampyr- ris, <i>Lin.</i>	1. <i>Lycus, Fab.</i>	<i>L. latissimus, Fab.</i>
				2. <i>Dictyoptera, Lat.</i>	<i>Lampyris sanguinea, Lin.</i>
				3. <i>Omalisus, Geoff.</i> . .	<i>O. suturalis, Fab.</i>
				4. <i>Phengodes, Hoff.</i>	
				5. <i>Lampyris, Cuv.</i> . .	<i>L. noctiluca, Lin.</i>
				6. <i>Drilus, Oliv.</i>	<i>D. ater, Dej.</i>
				7. <i>Telephorus, Sch.</i> . .	<i>Cantharis fusca, Lin.</i>
				8. <i>Silis, Meg.</i>	<i>S. rubricollis, Tous.</i>
				9. <i>Malthinus, Lat.</i>	<i>Telephorus biguttatus, Oliv.</i>
		III. Melyrides.	Melyris, <i>Fab.</i> . . .	1. <i>Melachius, Fab.</i> . .	<i>Cantharis ænea, Lin.</i>
	IV. Clerii.	Clerus, <i>Geoff.</i>	2. <i>Dasytes, Payk.</i> . .	<i>D. cœruleus, Fab.</i>	
			3. <i>Zygia, Fab.</i>	<i>Z. oblonga, Fab.</i>	
			4. <i>Melyris, Fab.</i> . . .	<i>M. viridis, Fab.</i>	
			5. <i>Pelocophorus, Cuv.</i>		
			6. <i>Diglobicerus, Cuv.</i>		
			1. <i>Cylidrus, Latr.</i> . .	<i>Trichodes cyaneus, Fab.</i>	
			2. <i>Tillus, Oliv.</i> . . .	<i>T. elongatus, Oliv.</i>	
			3. <i>Priocera, Kirb.</i> . .	<i>P. variegata, Kirb.</i>	
			4. <i>Axina, Kirb.</i>	<i>A. analis, Kirb.</i>	
			5. <i>Eurypus, Kirb.</i> . .	<i>E. rubens, Kirb.</i>	
	V. Ptiniores.	Ptinus, <i>Lin.</i> . . .	6. <i>Thanasimus, Lat.</i>	<i>Attelabus formicarius, Lin.</i>	
			7. <i>Opilo, Lat.</i>	<i>Attelabus mollis, Lin.</i>	
			8. <i>Clerus, Geoff.</i> . . .	<i>Attelabus apiarius, Lin.</i>	
			9. <i>Necrobia, Latr.</i> . .	<i>N. violacea, Oliv.</i>	
			10. <i>Enoplium, Latr.</i>	<i>Tillus serraticornis, Oliv.</i>	
			1. <i>Ptinus, Lin.</i>	<i>P. fur, Lin.</i>	
			2. <i>Gibbium, Scop.</i> . .	<i>Ptinus scotias, Fab.</i>	
			3. <i>Ptilinus, Geoff.</i> . .	<i>P. pectinicornis, Fab.</i>	
			4. <i>Xyletinus, Latr.</i> . .	<i>Ptilinus pallens, Germ.</i>	
			5. <i>Dorcatoma, Herbs.</i>	<i>D. Dresdensis, Herbst.</i>	
IV. CLAVICORNES.			6. <i>Anobium, Fab.</i> . .	<i>A. tessellatum, Fab.</i>	
		III. Xylotrogi.		1. <i>Atractocerus</i> . . .	<i>Necydalis brevicornis, L.</i>
				2. <i>Hylecætus, Latr.</i>	<i>Meloe Marci, Lin.</i>
				3. <i>Lymexylon, Fab.</i>	<i>L. flavipes, Fab.</i>
				4. <i>Cupes, Fab.</i>	<i>C. capitata, Fab.</i>
				5. <i>Rhysodes, Latr.</i>	<i>R. exaratus, Dalm.</i>
		I. Palpatores.		1. <i>Mastigus, Hoff.</i> . .	<i>M. palpalis, Latr.</i>
				2. <i>Scydmaenus, Lat.</i>	<i>S. Helwigii, Latr.</i>
		II. Histroides.		1. <i>Hololepta, Payk.</i>	
				2. <i>Hister, Cuv.</i>	<i>H. unicolor, Lin.</i>

ORDER I.—COLEOPTERA (*continued*).SECTION I.—PENTAMERA (*continued*).

Family.	Section.	Tribe.	Genus.	Subgenus.	Example of Species.
IV. CLAVICORNES (<i>continued</i>).	I. Palpatores (<i>continued</i>).	III. Silphales.	Silpha, <i>Lin.</i> ...	1. Sphærites, <i>Dufst.</i> ..	Hister glabratus, Fab.
				2. Necrophorus, <i>Fab.</i>	Silpha vespillo, Lin.
				3. Necrodes, <i>Wilk.</i>	Silpha littoralis, Fab.
				4. Silpha, <i>Lin.</i> ...	S. thoracica, Lin.
				5. Agyrtes, <i>Froch.</i> ..	A. castaneus, Gyll.
		IV. Scaphidites.	Scaphidium, <i>Cuv.</i> ..	1. Scaphidium, <i>Ol.</i>	{ Catops blapoides, Germ.
				2. Choleva, <i>Latr.</i> ..	
		V. Nitidulariæ.	Nitidula, <i>Cuv.</i> ...	1. Colobicus, <i>Latr.</i>	{ T. limbatus, Cuv.
				2. Thymalus, <i>Latr.</i> ..	
		VI. Engidites.	Dacne, <i>Cuv.</i> ...	3. Ips, <i>Fab.</i>	{ N. ænea, Fab.
				4. Nitidula, <i>Fab.</i> ..	
	Acanthopoda.	VII. Dermestini.	Dermestes, <i>Cuv.</i> ..	5. Cercus, <i>Latr.</i>	{ C. silaceus, Gyll.
				6. Byturus, <i>Lat.</i>	
		VIII. Birrhii.		1. Dacne, <i>Latr.</i>	{ C. silaceus, Gyll.
				2. Cryptophagus, <i>Herbst.</i>	
				1. Aspidiphorus ..	{ Nitidula orbiculata, Gyllen.
				2. Dermestes, <i>Lin.</i> ..	
				3. Megotoma, <i>Herbs.</i>	{ D. lardarius, Lin.
				4. Linnichus, <i>Ziég.</i> ..	
				5. Attagenus, <i>Lat.</i> ..	{ Dermestes serra, Fab.
				6. Trogoderma, <i>Lat.</i>	
				7. Anthrenus, <i>Geoff.</i>	{ Anthrenus elongatus, Fab.
				8. Globicornis, <i>Lat.</i>	
	Acanthopoda.	I. Acanthopoda.		1. Nosodendron, <i>Lat.</i>	{ B. pilula, Lin.
				2. Byrrhus, <i>Lin.</i> ..	
		II. Macrodytla.	Dryops, <i>Oliv.</i>	3. Trinodes, <i>Meg.</i> ..	{ Anthrenus hirtus, Fab.
				1. Potamophilus, <i>Ger.</i>	
				2. Drops, <i>Oliv.</i> ..	{ Parnus acuminatus, Fab.
				3. Elmis, <i>Latr.</i>	
				4. Macronychus, <i>Müll.</i>	{ Dermestes auritus, Geoff.
				5. Georissus, <i>Latr.</i> ..	
				1. M. quadrituberculatus, <i>Müll.</i>	{ M. quadrituberculatus, Müll.
				2. Pimelia pygmæa, Fab.	

ORDER V.—COLEOPTERA (*continued*).SECTION I.—PENTAMERA (*continued*).

Family.	Tribe.	Genus.	Section.	Subgenus.	Example of Species.		
V. PALPICORNES.	I. Hydrophilii.	Hydrophilus, <i>Geoff.</i>	.....	1. Elephorus, <i>Fab.</i> ..	E. elongatus, <i>Fab.</i>	
				2. Hydrochus, <i>Ger.</i>	{ Elephorus elongatus, Fab.		
				3. Ochthebius, <i>Lea.</i>	{ Elephorus pygmæus, Fab.		
				4. Hydræna, <i>Kuleg.</i>	{ Elephorus minimus, Fab.		
				5. Spercheus, <i>Fab.</i> ..	S. emarginatus, <i>Fab.</i>		
				6. Globaria, <i>Cuv.</i> ..	G. Leachii, <i>Cuv.</i>		
				7. Hydrophilus, <i>Geoff.</i>	H. piceus, <i>Fab.</i>		
				8. Limnebius, <i>Lea.</i>	{ Hydrophilus griseus, Fab.		
				9. Hydrobius, <i>Cuv.</i> ..	H. scarabæoides, <i>Cuv.</i>		
				10. Berosus, <i>Cuv.</i> ..	{ Hydrobius luridus, Fab.		
VI. LAMELICORNES.	I. Scarabæides.	Scarabæus, <i>Lin.</i>	.....	{ Dermestes scarabæoi- des, <i>Lin.</i>		
				1. Ateuchus, <i>Web.</i> ..	A. sacer, <i>Oliv.</i>		
				2. Gymnopleurus, <i>Illig.</i>	{ Ateuchus sinuatus, Fab.		
				3. Sisyphus, <i>Latr.</i>	{ Ateuchus Schæfferi, Fab.		
				4. Circellium, <i>Latr.</i> ..	Ateuchus Bacchus, <i>Fab.</i>		
				5. Coprobis, <i>Lat.</i> ..	Ateuchus volvens, <i>Fab.</i>		
				6. Eurysternus, <i>Cuv.</i>			
				7. Oniticellus, <i>Ziég.</i> ..			
				8. Onthophagus, <i>Lat.</i> ..	S. taurus, <i>Lin.</i>		
				9. Onitis, <i>Fab.</i>			
				10. Phanæus, <i>Mc L.</i>			
				11. Copris, <i>Geoff.</i>	Scarabæus lunaris, <i>Lin.</i>		
				12. Aphodius, <i>Illig.</i> ..	S. fimetarius, <i>Lin.</i>		
				13. Psammodius, <i>Gyl.</i>			
				14. Ægialia, <i>Lat.</i> ..	{ Psammodius arenarius, Gyll.		
				15. Chiron, <i>Mc L.</i>	{ Sinodendron digitatur, Fab.		
				16. Lethrus, <i>Scop.</i> ..	L. cephalotes, <i>Fab.</i>		
				17. Geotrupes,	S. typhæus, <i>Lin.</i>		
				18. Ochodæus, <i>Meg.</i>	{ Melolontha chrysome- lina, <i>Fab.</i>		
				19. Athyreus, <i>Mc L.</i>			
				20. Elephastomus, <i>Mc L.</i>	{ Scarabæus probosci- dens, <i>Schr.</i>		
			II. Are- nicoli..				

ORDER V.—COLEOPTERA (*continued*).SECTION I.—PENTAMERA (*continued*).

<i>Family.</i>	<i>Tribe.</i>	<i>Genus.</i>	<i>Section.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
VI. LAMELICORNES (<i>continued</i>).	I. Scarabæides (<i>continued</i>).	Scarabæus, <i>Lin.</i> (<i>continued</i>).	II. Arenicoli (<i>cont.</i>).	21. Bolbocerat, <i>Kirb.</i>	<i>S. mobilicornis</i> , Fab.
				22. Hybosorus, <i>Mc L.</i>	<i>Geotrupes orator</i> , Fab.
				23. Acanthocerus, <i>Mc L.</i>	<i>A. æneus</i> , Lefebvre de Cerisy
				24. Trox, <i>Fab. & Oliv.</i>	<i>Trox horridus</i> , Fab.
			III. Xylophili.	25. Oryctes, <i>Illig.</i>	<i>S. nasicornis</i> , Lin.
				26. Agacephala, <i>Manh.</i>	<i>G. Ægeon</i> , Fab.
				27. Scarabæus, <i>Fab.</i>	<i>S. Hercules</i> , Lin.
				28. Phileurus, <i>Lat.</i>	<i>G. dydimus</i> , Fab.
				29. Hexodon, <i>Oliv.</i>	
				30. Cyclocephala, <i>Lat.</i>	<i>Melolontha geminata</i> , Fab.
				31. Chrysophora, <i>Dej.</i>	<i>Melolontha chrysoch-lora</i> , Lat.
				32. Rutela, <i>Lat.</i>	<i>G. pelidnota</i> , Cuv. <i>Encyc. Method.</i>
				33. Macraspis, <i>Mc L.</i>	
				34. Chasmodia, <i>Mc L.</i>	
				35. Ometis, <i>Lat.</i>	<i>Rutela cetonioides</i> , <i>Encyc. Method.</i>
				36. Pachypus, <i>Dej.</i>	<i>Geotrupes excavatus</i> , Fab.
				37. Amblyterus, <i>Mac L.</i>	
				38. Anoplognathus, <i>Le.</i>	
				39. Leucothyreus, <i>Mac L.</i>	<i>Melolontha sulcicollis</i> , Mac L.
				40. Apogonia, <i>Kirb.</i>	<i>A. gemellata</i> , Kirb.
				41. Geniates, <i>Kirb.</i>	<i>Geniates barbatus</i> , Kirb.
				42. Melolontha, <i>Fab.</i>	<i>Scarabæus fullo</i> , Lin.
				43. Rhisotrogus, <i>Lat.</i>	<i>Melolontha solstitialis</i> , Fab.
				44. Ceraspis, <i>Lepel.</i>	<i>C. pruinosa</i> , Lepel.
			IV. Phyllophagi	45. Arcodes, <i>Leach</i>	
				46. Dasyus, <i>Lep. & S.</i>	
				47. Serica, <i>Mac L.</i>	<i>M. brunnea</i> , Fab.
				48. Diphucephala, <i>Dej.</i>	<i>M. colaspoides</i> , Schæ.
				49. Microdactylus, <i>Lat.</i>	<i>M. subspinosa</i> , Fab.
				50. Plectris, <i>Lep. & Ser.</i>	
				51. Popilia, <i>Leach</i>	<i>Trichius 2-punctatus</i> , Fab.
				52. Euchlora, <i>Mac L.</i>	<i>M. viridis</i> , Fab.

ORDER V.—COLEOPTERA (*continued*).SECTION I.—PENTAMERA (*continued*).

Family.	Tribe.	Genus.	Section.	Subgenus.	Example of Species.
VI. LAMELIGORNES (<i>continued</i>).	I. Scarabæides (<i>continued</i>).	Scarabæus, <i>Lin.</i> (<i>continued</i>).	IV. Phyllophagi (<i>cont.</i>)	53. Anisoplia, <i>Meg.</i> . . .	M. horticola, Fab.
				54. Lepisia, <i>Lep. & Ser.</i>	
				55. Dicerca, <i>Lep. & S.</i>	
				56. Hoplia, <i>Illig.</i> . . .	H. formosa, Illig.
				57. Monochelus, <i>Illig.</i>	
				58. Glaphyrus, <i>Lat.</i>	
				59. Amphicoma, <i>Lat.</i>	
				60. Anthipna, <i>Esch.</i>	Amphicoma abdomi- nalis, Lat.
				61. Chasmodon, <i>Dej.</i>	
			V. Anthobii.	62. Chasmodon, <i>Lep. & S.</i>	
				63. Dicheles, <i>Lep. & S.</i>	
				64. Lepitrix, <i>Lep. & S.</i>	
				65. Pachynemus, <i>Lep. & S.</i>	
				66. Anisonyx, <i>Lat.</i>	
				67. Trichius, <i>Fab.</i> . . .	Scarabæus nobilis, Lin.
				68. Platygaster, <i>Mac L.</i>	Trichius barbatus, Schæn.
				69. Cremastocleis, <i>Kn.</i>	Cetonia elongata, Oliv. ?
				70. Goliath, <i>Lam.</i>	
			VI. Melitophili	71. Cetonia, <i>Fab.</i> . . .	Scarabæus auratus, Lin.
				1. Sinodendron, <i>Fab.</i>	Scarabæus cylindricus, Lin.
				2. Æsalus, <i>Fab.</i>	Æ. scarabæoides, Fab.
				3. Lamprima, <i>Lat.</i> . . .	Lethrus æneus, Fab.
				4. Ryssonotus, <i>Mac L.</i>	Lucanus nebulosus, Kirb.
				5. Pholidotus, <i>Mac L.</i>	Lamprima Humboldti, Schæ.
				6. Lucanus, <i>Lin.</i> . . .	L. cervus, Lin.
				7. Platycerus, <i>Lat.</i>	Lucanus parallelipe- dus, Fab.
				8. Syndesmus, <i>Mac L.</i>	Synodendron cornu- tum, Fab.
				..... Paxillus, <i>Mac L.</i>	
	II. Lucanides.	Lucanus, <i>Cuv.</i>			
		Passalus, <i>Fab.</i>			

ORDER V.—COLEOPTERA (*continued*).

SECTION II.—HETEROMERA.

Family.	Tribe.	Genus.	Subgenus.	Example of Species
I. MELASOMA.	I. Pimeliariæ.	Pimelia, Fab.	1. Pimelia, <i>Cuv.</i> ... P. 2-punctata. 2. Erodium, <i>Latr.</i> ... E. bilineatus, Oliv. 3. Zophosis, <i>Latr.</i> 4. Nyctelia, <i>Latr.</i> ... Zophosis nodosa, Germ. 5. Hegeter, <i>Latr.</i> { Pimelia silphoides ? Oliv. 6. Tentyria, <i>Latr.</i> ... Akis glabra, Fab. 7. Akis, <i>Fab.</i> ... A. collaris, Fab. 8. Elenophorus, { <i>Meg. & Dej.</i> ... } 9. Eurychora, <i>Thunb.</i> 10. Adelostoma, <i>Dup.</i> A. sulcatum, Dup. 11. Tegenia, <i>Lat.</i> 12. Psammetichus, { <i>Lat.</i> ... } 13. Scaurus, <i>Fab.</i> 14. Scotobius, <i>Germ.</i> 15. Sepidium, <i>Fab.</i> ... S. tricuspidatum, Fab. 16. Trachynotus, { Sepidium reticulatum, <i>Lat.</i> ... } Fab.	
	II. Blapsides.	Blaps, <i>Cuv.</i>	17. Moluris, <i>Lat.</i> ... Pimelia striata, Fab. 1. Oxura, <i>Kirb.</i> ... O. setosa, Kirb. 2. Acanthomera, { Pimelia dentipes, Fab. <i>Lat.</i> ... } 3. Misolampus, <i>Lat.</i> Pimelia gibbula, Herbs. 4. Blaps, <i>Fab.</i> ... B. mortisaga, Oliv. 5. Gonopus, <i>Lat.</i> ... Blaps-tibialis, Fab. 6. Heteroscelis, { Platynotus reticulatus, <i>Lat.</i> ... } Oliv. 7. Machla, <i>Herbs.</i> { Platynotus serratus, Fab. 8. Scotinus, <i>Kirb.</i> ... S. crenicollis, Kirb. 9. Asida, <i>Lat.</i> ... { Platynotus lavigatus, Fab. 10. Pedinus, <i>Latr.</i> ... Blaps clathrata, Fab. 11. Isocerus, <i>Meg.</i> { & <i>Dej.</i> ... } 12. Blaptinus, <i>Dej.</i> ... Blaps tibidens, Schœ. 13. Platyscelis, <i>Lat.</i> ...	
	III. Tenebrionites.	Tenebrio, Cuv.	1. Crypticus, <i>Lat.</i> ... Pedinus glaber, Lat. 2. Opatrum, <i>Fab.</i> ... Silpha sabulosa, Lin. 3. Corticus, <i>Dej.</i> ... { Sarrotrium seltis, Germ. 4. Orthocerus, <i>Lat.</i> Hispa mutica, Lin. 5. Chiroscelis, <i>Lam.</i> C. bifinestra, Lam. 6. Toxicum, <i>Lat.</i> ... T. richesianum, Lat. 7. Boros, <i>Herbs.</i> ... B. corticalis, Gyll. 8. Calcar, <i>Dej.</i> ... Trogosita calcar, Fab. 9. Upis, <i>Fab.</i> ... U. ceramboides, Fab. 10. Tenebrio, <i>Lin.</i> ... T. molitor, Lin. 11. Heterotarsus, <i>Lat.</i>	

ORDER V.—COLEOPTERA (*continued*).SECTION II.—HETEROMERA (*continued*).

Family.	Tribe.	Genus.	Subgenus.	Example of Species.
II. TAXICORNES.	I. Diaperiales.	Diaperis, <i>Cuv.</i>	1. Phaleria, <i>Lat.</i> . .	P. furcifera, Dalm.
			2. Diaperis, <i>Geoff.</i> .	Chrysomela boleti, Lin.
	II. Cossyphenes.	Cossyphus, <i>Oliv.</i>	3. Hypophlæus, <i>Fab.</i>	H. castaneus, Fab.
			4. Trachyscelis, <i>Lat.</i>	
III. STENELYTRA.	I. Helopi.	Helops, <i>Fab.</i>	5. Leiodes, <i>Lat.</i> . .	Anisostoma humerale, Gyl.
			6. Tetratoma, <i>Herb.</i>	
			7. Eledona, <i>Lat.</i> . .	
			1. Cossyphus, <i>Oliv.</i>	
			2. Helæus, <i>Latr.</i> . .	H. Brownii, Kirb.
			3. Nilio, <i>Latr.</i> . .	Egithus marginatus, Fab.
			1. Epitragus, <i>Latr.</i>	
			2. Cnodalon, <i>Latr.</i>	
			3. Campsia, <i>Lep.</i> . .	C. nitida, Lep. & Ser.
			4. Spheñiscus, <i>Kirb.</i>	S. erotyloides, Kirb.
			5. Acanthopus, <i>Meg. & Dej.</i> . .	Helops dentipes, Panz.
			6. Amarygmus, <i>Dalm.</i>	Helops ater, Fab.
			7. Sphærotus, <i>Kirb.</i>	S. curvipes, Kirb.
			8. Adeliu, <i>Kirb.</i> . .	A. calosomoides, Kirb.
			9. Helops, <i>Fab.</i> . . .	H. cœruleus, Fab.
			10. Læna, <i>Meg., Dej.</i>	L. pimelia, Dej.
III. STENELYTRA.	II. Cistelides.	Cistela, <i>Fab.</i>	11. Stenotrachelus, <i>Cuv.</i>	Dryops ænea, Payk.
			12. Strongylium, <i>Kirb.</i>	S. Chalconatum, Kirb.
			13. Pytho, <i>Lat.</i>	
	III. Serropalpidæ.	Dircæa, <i>Fab.</i>	1. Lystronichus, <i>Lab.</i>	Helops equestris, Fab.
			2. Cistela, <i>Fab.</i> . .	Chrysomela ceramboides, Lin.
			3. Mycetochares, <i>Lat.</i>	Helops barbatus, Lat.
			4. Allecula, <i>Fab.</i> . .	A. Contracta, Ger.
			1. Orchesia, <i>Latr.</i> . .	
			2. Eustrophus, <i>Illeg.</i>	Mycetophagus dermestoides, Fab.
			3. Hallomenus, <i>Payk.</i>	
			4. Dircæa, <i>Fab.</i> . .	
			5. Melandrya, <i>Fab.</i>	M. ruficollis, Gyll.
			6. Hypulus, <i>Payk.</i> . .	Dircæa bifasciata, Gyl.
			7. Serropalpus, <i>Hellw.</i>	
			8. Conopalpus, <i>Gyll.</i>	

ORDER V.—COLEOPTERA (*continued*).SECTION II.—HETEROMERA (*continued*).

Family.	Tribe.	Genus.	Subgenus.	Example of Species.
III. STENELYTRA (<i>continued</i>).	IV. Oede- merites.	Oedemera, <i>Oliv.</i>	<ol style="list-style-type: none"> 1. Nothus, <i>Ziégl.</i> .. 2. Calopus, <i>Fab.</i> .. 3. Sparedrus, <i>Meg.</i> { 4. Dytilus, <i>Fisch.</i> .. 5. Oedemera, <i>Oliv.</i>.. 	<ol style="list-style-type: none"> 1. C. serraticornis, <i>Fab.</i> Calopus testaceus, Schoe. D. helopioides, <i>Fis.</i>
IV. TRACHELIDES.	V. Rhin- chostoma.	Mycterus, <i>Cuv.</i>	<ol style="list-style-type: none"> 1. Stenostoma, <i>Lat.</i>.. 2. Mycterus, <i>Clairv.</i>.. 3. Rhinosimus, <i>Lat.</i> 	<ol style="list-style-type: none"> Oedemera rostrata, <i>Lat.</i>
	I. Lagri- ariae.	Lagria, <i>Cuv.</i>	<ol style="list-style-type: none"> 1. Lagria, <i>Fab.</i> 2. Statyra, <i>Cuv.</i> .. 3. Hemipeplus, <i>Cuv.</i>? 	
	II. Pyro- chroides.	Pyrochroa, <i>Geoff.</i>	<ol style="list-style-type: none"> 1. Dendroides, <i>Lat.</i>.. 2. Pyrochroa, <i>Cuv.</i>.. 	<ol style="list-style-type: none"> D. thoracicus, <i>Fisc.</i>
	III. Mor- dellonae.	Mordella, <i>Cuv.</i>	<ol style="list-style-type: none"> 1. Ripiphorus, <i>Bosc.</i> 2. Myodites, <i>Latr.</i>.. 3. Pelocotoma, <i>Fisc.</i> 4. Mordella, <i>Lin.</i> .. 5. Anaspis, <i>Geoff.</i> .. 	<ol style="list-style-type: none"> M. aculeata, <i>Lin.</i> A. frontalis, <i>Fisch.</i>
	IV. An- thicides.	Notoxus, <i>Cuv.</i>	<ol style="list-style-type: none"> 1. Scryptia, <i>Latr.</i> .. 2. Steropes, <i>Stev.</i> .. 3. Notoxus, <i>Geoff.</i> .. 	<ol style="list-style-type: none"> S. caspius, <i>Stev.</i> Meloë monoceros, <i>Lin.</i>
	V. Hori- ales.	Horia, <i>Cuv.</i>	<ol style="list-style-type: none"> 1. Horia, <i>Fab.</i> 2. Cissites, <i>Cuv.</i>.... 	

ORDER V.—COLEOPTERA (*continued*).SECTION II.—HETEROMERA (*continued*).

Family.	Tribe.	Genus.	Subgenus.	Example of Species.
IV. TRACHELIDES (<i>cont</i>).	VI. Cantharidæ.	Meloe, <i>Lin.</i>	1. Cerocomia, <i>Geoff.</i>	Meloë Schoefferi, <i>Lin.</i>
			2. Hycleus, <i>Latr.</i>	{ Mylabris impunctata, Oliv.
			3. Mylabris, <i>Fab.</i>	M. Chicorii, <i>Lin.</i>
			4. Oenas, <i>Lat.</i>	....
			5. Meloë, <i>Lin.</i>	.... M. proscarabæus, <i>Lin.</i>
			6. Tetraonyx, <i>Lat.</i>	{ Apalus quadrimacula- tus, <i>Fab.</i>
			7. Cantharis, <i>Geoff.</i>	Meloe vesicatorius, <i>Lin.</i>
			8. Zonitis, <i>Fab.</i>	....
			9. Nemognathus, <i>Lat.</i>	{ Zonitis chrysomelina, Fab.
			10. Gnathium, <i>Kirb.</i>	G. Francilloni, <i>Kirb.</i>
			11. Sitaris, <i>Latr.</i>	{ Apalus bimaculatus, Fab.

SECTION III.—TETRAMERA.

Family.	Genus.	Subgenus.	Example of Species.
I. RHYNCHOPHORA.	Bruchus, <i>Lin.</i>	1. Anthribus, <i>Geoff.</i>	{ Rhinomacer lepturoi- des, <i>Fab.</i>
		2. Bruchus, <i>Fab.</i>	B. pisi, <i>Lin.</i>
		3. Rhæbus, <i>Fisch.</i>	R. Gebleri, <i>Fis.</i>
		4. Xylophilus, <i>Bon.</i>	{ Anthicus populneus, Gyl.
	Attelabus, <i>Lin.</i>	1. Apoderus, <i>Cuv.</i>	{ Rynchites Bacchus, Herbst.
		2. Attelabus, <i>Cuv.</i>	
		3. Rhynchites, <i>Cuv.</i>	
		4. Apion, <i>Cuv.</i>	
		5. Rhinotia, <i>Kirb.</i>	
		6. Eurhinus	
		7. Tubicenius, <i>Dej.</i>	
	Brentus, <i>Fab.</i>	1. Brentus, <i>Cuv.</i>	B. Halica? <i>Cuv.</i>
		2. Ulocerus, <i>Sch.</i>	
		3. Cylas, <i>Lat.</i>	
	Brachycerus, <i>Cuv.</i>		
	Curculio, <i>Cuv.</i>	1. Cyclomus, <i>Cuv.</i>	
		2. Curculio, <i>Cuv.</i>	C. imperialis, <i>Fab.</i>
		3. Leptosomus, <i>Sch.</i>	{ Curculio acuminatus, Fab.
		4. Othiorhynchus, <i>Cuv.</i>	

ORDER V.—COLEOPTERA (*continued*).SECTION III.—TETRAMERA (*continued*).

<i>Family.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. RHYNCHOPHORA (<i>continued</i>).	Curculio, <i>Cuv.</i> (<i>cont.</i>)	5. Omias, <i>Cuv.</i> 6. Pachyrhyncus, } <i>Cuv.</i> } 7. Psalidium, <i>Cuv.</i> . . 8. Thylacites, <i>Cuv.</i> . . 9. Syzygops, <i>Cuv.</i> . . 10. Hyphantus, <i>Cuv.</i> . . 11. Myniops, <i>Schœ.</i> . . 12. Liparus 13. Hypera, <i>Germ.</i> . . Curculio tamarisci, <i>Fab.</i> 14. Hylobius, <i>Cuv.</i> . . 15. Cleonus, <i>Cuv.</i> . .	
	Lixus, <i>Fab.</i>	L. paraplecticus, <i>Cuv.</i> 1. Tamnophilus, <i>Cuv.</i> 2. Bagous, <i>Cuv.</i> 3. Brachypus, <i>Cuv.</i> . . 4. Balaninus, <i>Cuv.</i> { Rynchænus nucum, <i>Fab.</i> 5. Rynchænus, <i>Cuv.</i> 6. Sybines, <i>Cuv.</i> 7. Myorhinus, <i>Schœ.</i> 8. Cionus, <i>Clairv.</i> . . 9. Orchestes, <i>Illig.</i> . . 10. Ramphus, <i>Clairv.</i> . . 11. Amerhinus, <i>Cuv.</i> . . 12. Baridius, <i>Cuv.</i> . . 13. Camptorhynchus, } <i>Cuv.</i> } 14. Centrinus, <i>Cuv.</i> . . 15. Zygops 16. Ceutorhynchus, } <i>Cuv.</i> } 17. Hydaticus, <i>Cuv.</i> . . 18. Orobitis, <i>Cuv.</i> . . 19. Cryptorhynchus, } <i>Cuv.</i> } 20. Tylope, <i>Cuv.</i> . . { Rynchænus ptinoides, <i>Gyll.</i>	
	Rhynchænus, <i>Fab.</i>		
	Calandra, <i>Cuv.</i> . .	1. Anchonus, <i>Schœ.</i> . . 2. Orthochætæ, <i>Ger.</i> 3. Rhina, <i>Lat.</i> R. barbirostris, <i>Lat.</i> 4. Calandra, <i>Cuv.</i> . . Curculio granarius, <i>Lin.</i> 5. Cossonus, } <i>Clairv.</i> } 6. Dryophthorus, } <i>Schœ.</i> }	

ORDER V.—COLEOPTERA (*continued*).SECTION III.—TETRAMERA (*continued*).

Family.	Tribe.	Genus.	Subgenus.	Example of Species.
II. Xylophagi.	..	Scolytus, Geoff.....	1. Hylurgus, <i>Lat.</i> ..	Hylesinus <i>Æneipennis</i> , Fab.
			2. Hylesinus, <i>Fab.</i> ..	
	..	Pausus, <i>Lin.</i>	3. Scolytus, <i>Geoff.</i> ..	
			4. Camptocerus, <i>Dej.</i>	
	..	Bostrichus, <i>Cuv.</i>	5. Ploiotribus, <i>Lat.</i> ..	
			6. Tomicus, <i>Lat.</i> ..	
	..	Monotoma, <i>Cuv.</i>	7. Platybus, <i>Herbs.</i> ..P. Flavicornis? <i>Fab.</i>	Dermestes capucinus, <i>Lin.</i>
			1. Pausus, <i>Cuv.</i>	
	..	Lyctus, <i>Cuv.</i>	2. Cerapterus, <i>Swed.</i>	Cerylon terebrans, <i>Lat.</i>
			1. Bostrichus, <i>Geoff.</i>	
	..	Mycetophagus, <i>Fab.</i>	2. Psoa, <i>Fab.</i>	C. histeroideus, <i>Lat.</i>
			3. Cis, <i>Lat.</i>	
IV. Longicornee. GIGNES, TYSONA.	..	Trogosita, <i>Oliv.</i>	4. Nemoma, <i>Desm.</i>	C. picipes, <i>Gyl.</i>
			1. Synchita, <i>Helw.</i> ..	
	..	Cucujus, <i>Fab.</i>	2. Cerylon, <i>Lat.</i> ..	U. flavipes, <i>Duf.</i>
			3. Rhyzophagus, <i>Herb.</i>	
	..	Prioni.	4. Monotoma, <i>Herbs.</i>	Attelabus buprestoides, <i>Lin.</i>
			1. Lyctus, <i>Fab.</i>	
	..	Prioni.	2. Diodesma, <i>Meg.</i> ..D. subterranea, <i>Dej.</i>	P. cervicornis, <i>Cuv.</i>
			3. Bitoma, <i>Herbs.</i> ..	
	..	Prioni.	1. Colydium, <i>Fab.</i>	P. cervicornis, <i>Cuv.</i>
			2. Mycetophagus, <i>Fab.</i>	

ORDER V.—COLEOPTERA (*continued*).SECTION III.—TETRAMERA (*continued*).

Family.	Tribe.	Genus.	Subgenus.	Example of Species.			
IV. LONGICORNES (<i>continued</i>).	II. Cerambycini.	Cerambyx, Cuv.....	1. Lissonotus, <i>Dalm.</i>				
			2. Megaderus, <i>Dej.</i>	Callidium stigma, Fab.			
			3. Dorcacerus, <i>Dej.</i>	Cerambyx barbatus, Oliv.			
			4. Trachyderes, <i>Dal.</i>				
			5. Lophonocerus, <i>Lat.</i>	Cerambyx barbicornis, Oliv.			
			6. Ctenodes, <i>Oliv.</i>	Etonote zonota, Klüg.			
			7. Phœnicocerus, <i>Lat.</i>	P. Dejeanii, Cuv.			
			8. Callichroma, <i>Lat.</i>	Cerambyx moschatus, Lin.			
			9. Acanthoptera, <i>Lat.</i>	Cerambyx Kœhleri, Fab.			
			10. Cerambyx, <i>Lin.</i>	C. heros, Fab.			
			11. Callidium, <i>Cuv.</i>	C. sanguineus, L.			
			12. Certalium, <i>Meg.</i>	C. ruficollis, Fab.			
			13. Clitus, <i>Fab.</i>				
		III. Lamiariæ.	Lamia, <i>Cuv.</i>	Obrium			
				Rhinotragus, <i>Dalm.</i>	{ Stenopterus luridus, Klüg.		
				Necydalis, { <i>Lin.</i>	{ 1. Stenopterus, <i>Illig.</i>		
					{ 2. Necydalis, <i>Cuv.</i>		
				Distichocera, <i>Kirb.</i>	Necydalis major, Lin.		
				Tmesisternus, <i>Lat.</i>			
				Tragocerus, <i>Dej.</i>			
Leptocera, <i>Dej.</i>							
Acrocinus, <i>Illig.</i>				{ Cerambyx longimanus, Lin.			
						1. Acanthocinus, <i>Meg.</i>	{ L. œdilis, Fab.
						2. Tapeina, <i>Lep.</i>	
						3. Pogonocherus, <i>Meg.</i>	
						4. Tetraopes, <i>Cuv.</i>	{ Cerambyx maxillosus, Oliv.
						5. Monochamus, <i>Dahl.</i>	
						6. Lamia, <i>Fab.</i>	L. curculionoides, Meg.
						7. Dorcadion	
						8. Parmena, <i>Meg.</i>	P. tristis, Meg.
	9. Saperda, <i>Fab.</i> ..						
	10. Gnoma, <i>Fab.</i>	S. longicollis, Cuv.					
	11. Adesmus, <i>Dej.</i>						
	12. Apomecynas, <i>Dej.</i>						
	13. Colobothea, <i>Dej.</i>						

ORDER V.—COLEOPTERA (*continued*).SECTION III.—TETRAMERA (*continued*).

Family.	Tribe.	Genus.	Subgenus.	Example of Species.
IV. LONGICORNES.	IV. Lepturetæ.	Leptura, <i>Lin.</i>	1. Desmocerus, <i>Dej.</i>	Stenocorus cyaneus, Fab. Stenocorus strepens, Oliv.
			2. Vesperus, <i>Dej.</i>	
V. EUPODA.	I. Sagrides.	Sagra, <i>Cuv.</i>	3. Rhagium, <i>Dahl.</i>	R. bifasciatum, Fab.
			4. Rhamnusium, <i>Meg.</i>	Rhagium salicis, Fab.
VI. CYCLICA.	II. Criocerides.	Crioceris, <i>Geoff.</i>	5. Toxotus, <i>Meg.</i>	Leptura virginea, Fab.
			6. Stenoderus, <i>Dej.</i>	Leptura ceramoides, Kirb.
I. Cassidaria.	I. Cassidaria.	Hispa, <i>Lin.</i>	7. Leptura, <i>Dej.</i> . . .	L. armata, Gyll.
			1. Megalopus, <i>Fab.</i>	
II. Chrysomelinae.	II. Chrysomelinae.	Cassida, <i>Lin.</i>	2. Sagra, prop. <i>Fab.</i>	
			3. Orsodacna, <i>Lat.</i> . .	
III. Chrysomelinae.	III. Chrysomelinae.	Cryptoccephalus, <i>Cuv.</i> . .	4. Psammœcus, <i>Bon.</i>	Anthicus 2-punctatus, Fab.
			1. Donacia, <i>Fab.</i>	
IV. Chrysomelinae.	IV. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	2. Hæmonia, <i>Meg.</i>	Donacia equiseti, Fab.
			3. Petauristes, <i>Lat.</i>	Lema varia, Fab.
V. Chrysomelinae.	V. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	4. Crioceris, prop. <i>Geoff.</i>	Chrysomela merdigeræ, Lin.
			5. Anchenia, <i>Thunb.</i>	Crioceris subspinosa, Fab.
VI. Chrysomelinae.	VI. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	6. Megascelis, <i>Dej.</i>	Lema vittata, Fab.
			1. Alurnus, <i>Fab.</i>	L'hispe bordée, Cuv.
VII. Chrysomelinae.	VII. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	2. Hispa, <i>Lin.</i>	H. atra, Lin.
			3. Chalepus, <i>Thunb.</i>	Hispa spinipes, Fab.
VIII. Chrysomelinae.	VIII. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	1. Imatidium, <i>Fab.</i>	Cassida equestris, Fab.
			2. Cassida, prop.	
IX. Chrysomelinae.	IX. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	1. Clythra, <i>Leach</i>	Chrysomela quadri- punctata, Lin.
			2. Chlamys, <i>Knoch.</i>	
X. Chrysomelinae.	X. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	3. Lamprosoma, <i>Kirb.</i>	L. bicolor, Kirb.
			4. Cryptoccephalus, <i>Geof.</i>	Chrysomela sericea, Lin.
XI. Chrysomelinae.	XI. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	5. Choragus, <i>Kirb.</i>	C. Schoppardi, Kirb.
			6. Euryope, <i>Dalm.</i>	E. rubra, Lat.
XII. Chrysomelinae.	XII. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	7. Eumolpus, <i>Kug.</i>	E. vitis, Fab.
			1. Colapsis, <i>Fab.</i>	
XIII. Chrysomelinae.	XIII. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	2. Podontia, <i>Dalm.</i>	Chrysomela 14-punc- tata, Fab.
			3. Phyllocharis, <i>Dalm.</i>	Chrysomela cyanipes, Fab.
XIV. Chrysomelinae.	XIV. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	4. Doryphora, <i>Illeg.</i>	
			5. Paropsis, <i>Oliv.</i>	
XV. Chrysomelinae.	XV. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	6. Timarcha, <i>Meg.</i>	Tenebrio lævigatus, Lin.
			7. Chrysomela, <i>Cuv.</i>	C. sanguinolenta, Lin.
XVI. Chrysomelinae.	XVI. Chrysomelinae.	Chrysomela, <i>Cuv.</i>	8. Phædon, <i>Meg.</i>	Chrysomela raphani, Dahl.
			9. Prasocuris, <i>Lat.</i>	P. aucta, Cuv.

ORDER V.—COLEOPTERA (*continued*).SECTION III.—TETRAMERA (*continued*).

Family.	Tribe.	Genus.	Subgenus.	Example of Species.
VI. CYCLICA (<i>continued</i>).	III. Galerucitæ.	Galeruca, Cuv.	1. Adorium, <i>Fab.</i>	} Chrysomela calmarien- sis, Lin.
			2. Luperus, <i>Geoff.</i>	
			3. Galereuca, Geoff.	
			4. Altica, <i>Geoff.</i>	
			5. Octogonotes, Drap. }	
			6. Oedionychis, <i>Lat.</i>	A. marginella, Oliv.
			7. Psylliodes, <i>Lat.</i>	
			8. Dibolia, <i>Lat.</i>	Altica Echii, Oliv.
			9. Altica, <i>Lat.</i> ..	} Chrysomela oleracea, Lin.
			10. Longitarsus, <i>Lat.</i>	Altica lurida, Oliv.
VII. CLAVI- PALPI.	..	Erotylus, Fab.	1. Erotylus, <i>Fab.</i>	
			2. Triplax, <i>Fab.</i> ..	} Tritoma bipustulatum, Oliv.
			3. Languria, <i>Lat.</i>	} Trogosita elongata, Fab.
			4. Phalacrus, <i>Payk.</i>	
			5. Agathidium, <i>Illig.</i>	

SECTION IV.—TRIMERA.

Family.	Genus.	Subgenus.	Example of Species.	
I. FUNGI-COLÆ.	Eumorphus, Cuv.	1. Eumorphus, Web.	Eumorphus Kirbyanus, Oliv.	
		2. Dapsa, Zieg. . .		
		3. Endomychus, Web.		
		4. Lycoperdina, Lat.		
II. APHIDI-PHAGI.	Coccinella, Cuv. . .	1. Lithophilus, Tröhl.	L. ruficollis, Dahl.	
		2. Coccinella, Lin.		C. 7-punctata, Lin.
III. PSELA-PHIL.	Clypeaster, Andersche	.....	C. pusillus, Dej.	
		Pselaphus, Herbst.	1. Chennium, Lat. . .	C. bituberculatum, Lat.
			2. Dionix, Dej.	
			3. Pselaphus, Herbs. P.	Herbstii, Reich.
			4. Bithynus, Leach	Pselaphus securiger, Leach.

ORDER V.—COLEOPTERA (*continued*).SECTION IV.—TRIMERA (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
III. PSELA- PHIL.	Pselphus, <i>Herbst.</i> (<i>cont.</i>)	5. Arcopagus,	Pselaphus glabricollis, Reich.
		<i>Leach</i>	
		6. Ctenistes, <i>Reich.</i>	
	Claviger, <i>Cuv.</i>	7. Bryaxis, <i>Leach.</i>	A. armatus, Dalm.
		1. Claviger, <i>Cuv.</i>	
		2. Articerus, <i>Dalm.</i>	

ORDER VI.—ORTHOPTERA.

Family.	Genus.	Subgenus.	Example of Species.
I. CURSORIA.	Forficula, <i>Lin.</i>		F. auricularia, <i>Lin.</i>
	Blatta, <i>Lin.</i>		B. orientalis, <i>Lin.</i>
	Mantis, <i>Lin.</i>	1. Empusa, <i>Illiger.</i>	Mantis religiosa, <i>Lin.</i>
		2. Mantis, <i>Cuv.</i>	
		3. Spectrum, <i>Stoll.</i>	
		4. Phasma, <i>Fab.</i>	
II. SALTATORIA.	Gryllus, <i>Lin.</i>	5. Phyllium, <i>Illig.</i> . . .	Mantis siccifolia, <i>Lin.</i>
		1. Gryllo-talpa, <i>Lat.</i>	
		2. Gryllo-talpa, <i>Lin.</i>	
		3. Gryllus, <i>Cuv.</i>	
		4. Myrmecophila, <i>Char.</i>	
	Locusta, <i>Geoff.</i>	1. Gryllo-talpa, <i>Lat.</i>	Gryllus-gryllo-talpa, <i>Lin.</i>
		2. Tridactylus, <i>Oliv.</i>	
	Acrydium, <i>Geoff.</i>	3. Gryllus, <i>Cuv.</i>	G. campestris, <i>Lin.</i>
		4. Myrmecophila, <i>Char.</i>	
		1. Pneumora, <i>Thunb.</i>	Blata acervorum, <i>Panz.</i>
		2. Proscopia, <i>Klug.</i>	
		3. Truxalis, <i>Fab.</i>	
		4. Tetrax, <i>Lat.</i>	

ORDER VII.—HEMPTERA.

SECTION I.—HETEROPTERA.

Family.	Genus.	Subgenus.	Example of Species.
I. GEOCORISÆ.	Cimex, <i>Lin.</i>	1. Scutellera, <i>Lam.</i> .	Cimex lineatus, <i>Lin.</i>
		2. Pentatoma, <i>Oliv.</i> .	Cimex ornatus, <i>Lin.</i>
		3. Tesseratoma, <i>Pel.</i>	Edessa papillosa, <i>Fab.</i>
		4. Phlœa, <i>Lep. & Ser.</i>	
		5. Coreus, <i>Fab.</i>	Cimex marginatus, <i>Lin.</i>
		6. Holhymenia, . . .	Lygæus biclavatus, <i>Fab.</i>
		<i>Lep. & Ser.</i> . . .	
		7. Pachylis, <i>Lep.</i> . .	<i>& Ser.</i> . . .
		<i>& Ser.</i> . . .	
		8. Anisoscelis, <i>Lat.</i> .	L. membranaceus, <i>Fab.</i>
		9. Alydus, <i>Fab.</i>	
		10. Leptocorisa, <i>Lat.</i>	
		11. Neides, <i>Lat.</i>	
		12. Lygæus, <i>Fab.</i> . . .	Cimex equestris, <i>Lin.</i>
		13. Salda, <i>Fab.</i>	S. atra, <i>Fab.</i>
		14. Myodocha, <i>Latr.</i>	
		15. Astemma, <i>Cuv.</i> . .	Salda pallicornis, <i>Fab.</i>
		16. Miris, <i>Fab.</i>	
		17. Capsus, <i>Fab.</i>	
		18. Heterotoma,	Capsus spissicornis, <i>Fab.</i>
		<i>Lat.</i>	
		19. Acanthia, <i>Fab.</i>	
		20. Syrtis, <i>Fab.</i>	S. manicata, <i>Fab.</i>
		21. Tingis, <i>Fab.</i>	T. pyri, <i>Fab.</i>
		22. Aradus, <i>Fab.</i>	
		23. Cimex, <i>Latr.</i>	C. lectularius, <i>Lin.</i>
		24. Reduvius, <i>Fab.</i> . .	
		25. Holoptilus, <i>Lep.</i> . .	<i>& Ser.</i>
		<i>& Ser.</i>	
		26. Nabis, <i>Lat.</i>	Cimex personatus, <i>Lin.</i>
		27. Zelus, <i>Fab.</i>	
		28. Ploiaria, <i>Scop.</i> . .	Gerris vagabundus, <i>Fab.</i>
		29. Leptopus, <i>Lat.</i> . .	Salda striata, <i>Lat.</i>
		30. Hydrometra, <i>Fab.</i>	
		31. Gerris, <i>Lat.</i>	
		32. Velia, <i>Lat.</i>	
II. HYDRO-CORISÆ.	Nepa, <i>Lin.</i>	1. Galgulus, <i>Lat.</i> . .	Naucoris oculata, <i>Fab.</i>
		2. Naucoris, <i>Geoff.</i> .	Nepa cimicoides, <i>Lin.</i>
		3. Belostoma, <i>Lat.</i> . .	Nepa grandis, <i>Fab.</i>
		4. Nepa	
		5. Ranatra, <i>Fab.</i> . . .	Nepa linearis, <i>Lin.</i>
		1. Corixa, <i>Geoff.</i> . . .	Notonecta striata, <i>Lin.</i>
	Notonecta, <i>Lin.</i> . . .	2. Notonecta, <i>Geoff.</i> .	N. glauca, <i>Lin.</i>

ORDER VII.—HEMIPTERA (*continued*).

SECTION II.—HOMOPTERA.

<i>Family.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. CICADARIE.	Cicada, <i>Oliv.</i>		C. orni, Lin.
	Fulgora, <i>Lin.</i>	1. Otiocerus, <i>Kirb.</i> ..	O. Coquebertii
		2. Lystra, <i>Fab.</i>	
		3. Cixius, <i>Latr.</i>	
		4. Tettigometra, <i>Cuv.</i>	
		5. Pæciloptera, <i>Lat.</i>	
		6. Issus, <i>Fab.</i>	
		7. Anotia, <i>Kirb.</i>	
		8. Asiraca, <i>Latr.</i>	
		9. Delphax, <i>Fab.</i>	
		10. Derbe, <i>Fab.</i>	
	Cicadella, <i>Lin.</i> ..	1. Membracis, <i>Fab.</i> ..	M. foliacis, Fab.
		2. Tragopa, <i>Latr.</i> {	Membracis glabra, Germ.
		3. Darnis, <i>Fab.</i>	
		4. Bocygium, <i>Lat.</i> {	Centrotus horridus, Fab.
		5. Centrotus, <i>Fab.</i> ..	Cicada cornuta, Lin.
		6. Ætalion, <i>Latr.</i>	
		7. Ledra, <i>Lat.</i>	Cicada aurita, Lin.
		8. Ciccus, <i>Lat.</i>	Cicada adspersa, Fab.
		9. Cercopis, <i>Fab.</i> ..	C. sanguinolenta, Fab.
		10. Eulopa, <i>Fall.</i>	Cercopis Ericæ, Arh.
		11. Eupelix, <i>Germ.</i> ..	Cicana cuspidata, Fab.
		12. Penthimia, <i>Germ.</i>	Cicada atra, Germ.
		13. Jassus, <i>Fab.</i>	
		14. Tettigonia, <i>Oliv.</i>	Cercopis grisea, Fab.
II. Aphi- dii.	Psylla, <i>Geoff.</i>		Chermes buxi, Lin.
		Livia, <i>Lat.</i>	
III. GAL- LINSECTA.	Thrips, <i>Lin.</i>		
	Aphis, <i>Lin.</i>	1. Aphis, <i>Cuv.</i>	A. quercus, Lin.
		2. Aleyrodes, <i>Lat.</i> ..	Tinea proletella, Lin.
	Coccus, <i>Lin.</i>		C. adonidum, Lin.

ORDER VIII.—NEUROPTERA.

Family.	Section.	Genus.	Subgenus.	Example of Species.
I. SUBULI- CORNES, <i>Lat.</i>	....	Libellula,	{	1. Libellula, <i>Fab.</i> .. L. depressa, Lin.
		<i>Lin.</i>		2. <i>Æshna</i> , <i>Fab.</i> Libellula grandis, Lin.
				3. <i>Agrion</i> , <i>Fab.</i> Libellula virgo, Lin.
		Ephemera, <i>Lin.</i>		E. longicauda, Oliv.
II. PLANIPENNES.	I. Panor- patae.	Panorpa,	{	1. Nemoptera, <i>Lat.</i> .. N. lustitanica, Leach.
				2. Bittacus, <i>Lat.</i>
	II. Myrme- leonides.	Myrmeleon,	{	3. Panorpa, <i>Lat.</i> .. P. communis, Lin.
				4. Boreus, <i>Lat.</i> Panorpa hiemalis, Lin.
	III. Hemero- bini.	<i>Lin.</i>	{	1. Myrmeleon, <i>Fab.</i> .. M. formicarium, Lin.
				2. Ascalaphus, <i>Fab.</i>
	IV. Termi- tinae.	Hemerobius,	{	1. Hemerobius, <i>Lat.</i> .. H. perla, Lin.
				2. Osmylus, <i>Lat.</i>
	V. Per- lides.	Semblis,	{	3. Nymphes, <i>Leach.</i> } N. myrmeleonides, Leach.
				1. Corydalis, <i>Lat.</i>
	VI. Phry- ganeae.	<i>Cuv.</i>	{	2. Chauliodes, <i>Lat.</i>
				3. Sialis, <i>Lat.</i> .. Hemerobius lutarius, Lin.
III. PLICI- PENNES.	....	Mantispa, <i>Illig.</i>	{	1. Nemoura, <i>Lat.</i> { Phryganea bicaudata, Lin.
		Raphidia, <i>Lin.</i>		
		Termes, <i>Lin.</i>		R. ophiopsis, Lin.
		Psocus, <i>Lat.</i>		T. lucifugum, Ross.
III. PLICI- PENNES.	....	Phryganea,	{	Termes pulsatorium, Lin.
III. PLICI- PENNES.	....	<i>Lin.</i>	{	1. Sericostoma, <i>Lat.</i>
				2. Phryganea, <i>Cuv.</i> .. P. grandis, Roes.
				3. Mystacida.
				4. Hydroptila, <i>Dal.</i>
III. PLICI- PENNES.	....	<i>Lin.</i>	{	5. Psychomyie, <i>Cuv.</i>

ORDER IX.—HYMENOPTERA.

SECTION I.—TEREBRANTIA.

Family.	Tribe.	Genus.	Subgenus.	Example of Species.
I. SECURIFERA.	I. Tenthredinetæ, <i>Lat.</i>	Tenthredo, <i>Lin.</i>	1. Cimbex, <i>Oliv.</i> ..	Tenthredo lutea, <i>Lin.</i>
			2. Schyzocera, <i>Lat.</i>	
			3. Hylotoma, <i>Cuv.</i> ..	Tenthredo rosæ, <i>Lin.</i>
			4. Tenthredo, <i>Lat.</i> ..	T. scrophulariæ, <i>Lin.</i>
			5. Cladius, <i>Klüg.</i>	
			6. Athalia, <i>Leach.</i>	
			7. Pterygophorus, } <i>Klüg.</i>	
			8. Lophyrus, <i>Lat.</i>	
			9. Megalodontes, } <i>Lat.</i>	
			10. Pamphilius, <i>Lat.</i>	
			11. Xyela, <i>Dalm.</i>	
			12. Cephus, <i>Lat.</i>	
			13. Xiphydria, <i>Lat.</i>	
II. Uroce- rata, <i>Lat.</i>	Sirex, <i>Lin.</i> ...	{	1. Oryssus, <i>Lat.</i> ..	
			2. Sirex, <i>Lin.</i>	S. gigas, <i>Lin.</i>
I. Eva- niales.	Fœnus, <i>Cuv.</i> ..	{	1. Evania, <i>Fab.</i>	
			2. Pelecinus, <i>Lat.</i>	
			3. Fœnus, <i>Fab.</i>	
			4. Aulacus, <i>Jur.</i>	
			5. Paxylloma, <i>Breb.</i>	
II. Ichneumonides.	Ichneumon, <i>Lin.</i>	{	1. Stephanus, <i>Jur.</i> ..	Bracon serrator, <i>Fab.</i>
			2. Xorides, <i>Lat.</i> ..	Pimpla mediator, <i>Fab.</i>
			3. Pimpla, <i>Fab.</i> ..	{ Ichneumon persuaso- rius, <i>Lin.</i>
			4. Cryptus, <i>Fab.</i>	
			5. Ophion, <i>Fab.</i>	Ichneumon luteus, <i>Lin.</i>
			6. Banchus, <i>Fab.</i>	
			7. Helwigia, <i>Cuv.</i>	
			8. Joppa, <i>Fab.</i>	
			9. Ichneumon, <i>Cuv.</i>	
			10. Alomya, <i>Cuv.</i> ..	I. femoralis, <i>Grav.</i>
			11. Peltastes, <i>Illig.</i> {	Ichneumon necatorius, <i>Fab.</i>
			12. Acœnitus, <i>Lat.</i>	
			13. Agathis, <i>Lat.</i>	
			14. Bracon, <i>Jur.</i>	
			15. Microgaster, <i>Lat.</i>	
			16. Helcon, <i>Nées</i> } <i>d'Es.</i>	
			17. Sigalphus, <i>Lat.</i>	
			18. Chelonus, <i>Jur.</i>	
			19. Alysia, <i>Lat.</i>	

ORDER IX.—HYMENOPTERA (*continued*).SECTION I.—TEREBRANTIA (*continued*).

Family.	Tribe.	Genus.	Subgenus.	Example of Species.
II. PUPIVORA (<i>continued</i>).	III. Gallicolæ.	Cynips, <i>Lin.</i>	1. Ibalia, <i>Lat.</i>	{ Diplolepis gallæ tinctoriæ, Oliv.
			2. Figites, <i>Lat.</i>	
			3. Cynips, <i>Lin.</i> ..	
	IV. Chalcididæ.	Chalcis, <i>Fab.</i>	1. Chirocera, <i>Lat.</i>	{ Chalcis pectinicornis, Lat.
			2. Chalcis, <i>Cuv.</i>	
			3. Leucospis, <i>Fab.</i> . .	Vespa minuta, Lin.
			4. Eucharis, <i>Lat.</i>	L. dorsigera, Fab.
			5. Thoracanta, <i>Lat.</i>	
			6. Agaon, <i>Dalm.</i>	
			7. Eurytoma, <i>Illig.</i>	
			8. Misocampe, <i>Lat.</i>	
			9. Perilampus, <i>Lat.</i>	
			10. Pteromalus, <i>Lat.</i>	
			11. Cleonymus, <i>Lat.</i>	
			12. Eupelmus, <i>Dal.</i>	
			13. Encyrtus, <i>Lat.</i>	
			14. Spalangia, <i>Lat.</i>	
			15. Eulophus, <i>Geoff.</i>	
	V. Oxiuri.	Bethylus, <i>Lat.</i>	1. Dryinus, <i>Lat.</i>	
			2. Anteon, <i>Jur.</i>	
			3. Bethylus, <i>Lat.</i>	
			4. Proctotrupes, <i>Lat.</i>	
			5. Helorus, <i>Lat.</i>	
			6. Belyta, <i>Jur.</i>	
			7. Diapria, <i>Lat.</i>	
			8. Ceraphron, <i>Jur.</i>	
			9. Sparasion, <i>Lat.</i>	
			10. Teleas, <i>Lat.</i>	
			11. Scelion, <i>Lat.</i>	
			12. Platygaster, <i>Lat.</i>	
	VI. Chrysidæ.	Chrysis, <i>Lin.</i>	1. Parnopes, <i>Lat.</i> . .	P. carnea, Cuv.
			2. Chrysis, <i>Fab.</i> . . .	C. ignita, Lin.
			3. Cleptes, <i>Lat.</i>	

ORDER IX.—HYMENOPTERA (*continued*).

SECTION II.—ACULEATA.

Family.	Genus.	Subgenus.	Example of Species.
I. HETEROGYNA.	Formica, <i>Lin.</i>	1. Formica, <i>Cuv.</i> . . .	F. bispinosa, <i>Lat.</i>
		2. Polyergus, <i>Lat.</i> . . .	F. amazon, <i>Hub. fils.</i>
		3. Poner, <i>Lat.</i>	F. contracta, <i>Lat.</i>
		4. Odontomachus, <i>Lat.</i>	
		5. Myrmica, <i>Lat.</i> . . .	F. rufa, <i>Lin.</i>
		6. Eciton, <i>Lat.</i>	
		7. Atta	Atta cephalotes, <i>Fab.</i>
		8. Cryptocerus, <i>Lat.</i>	
	Mutilla, <i>Lin.</i>	1. Dorylus, <i>Fab.</i>	
		2. Labidus, <i>Jur.</i>	
		3. Mutilla, <i>Cuv.</i>	Mutilla Europæa, <i>Lin.</i>
		4. Myrmosa, <i>Lat.</i>	
		5. Myrmecoda, <i>Lat.</i>	
		6. Scleroderma, <i>Klüg.</i>	
		7. Methoca, <i>Lat.</i>	

Family.	Genus.	Section.	Subgenus.	Example of Species.
II. FOSSORES.	Scolietes, <i>Cuv.</i> . .		1. Tiphia, <i>Fab.</i>	
			2. Tegyra, <i>Lat.</i>	
			3. Myrzine, <i>Lat.</i>	
			4. Meria, <i>Illig.</i>	
			5. Scolia, <i>Fab.</i>	
	Sapigytes, <i>Lat.</i> . .		1. Thynnus, <i>Fab.</i>	
			2. Polochrum, <i>Spin.</i>	
			3. Sapyga, <i>Lat.</i>	
	Sphex.	Sphégides, <i>Cuv.</i> . .	1. Pepsis, <i>Fab.</i>	
			2. Ceropales, <i>Lat.</i>	
			3. Pompilus, <i>Fab.</i> . .	Sphex viatica, <i>Lin.</i>
			4. Planiceps, <i>Lat.</i>	
			5. Aporus, <i>Spin.</i> . . .	Sphex sabulosa, <i>Lin.</i>
			6. Ammophilus	
			7. Pronæus, <i>Lat.</i>	
			8. Sphex, <i>Cuv.</i>	
			9. Chlorion, <i>Lat.</i> . .	C. compressum, <i>Fab.</i>
			10. Dolichurus, <i>Lat.</i>	
			11. Ampulex, <i>Jur.</i>	
			12. Podium, <i>Lat.</i>	
			13. Pelopæus, <i>Lat.</i> . .	Sphex spirifex, <i>Lin.</i>
	Bembicides, <i>Fab.</i> . .		1. Bembex	Apis rostrata, <i>Lin.</i>
			2. Monedula, <i>Lat.</i>	
			3. Stizus, <i>Lat.</i>	Larra vespiformis, <i>Fab.</i>

ORDER IX.—HYMENOPTERA (*continued*).SECTION II.—ACULEATA (*continued*).

Family.	Genus.	Section.	Subgenus.	Example of Species.
II. FOSSORES (<i>continued</i>).	Sphex (<i>continued</i>).	Larrates	1. Palarus, <i>Lat.</i>	
			2. Lyrops, <i>Illig.</i>	
			3. Larra, <i>Fab.</i>	
			4. Dinetus, <i>Jur.</i>	
			5. Miscophus, <i>Jur.</i>	
		Nissoniæ	1. Astata, <i>Latr.</i>	
			2. Nysson, <i>Lat.</i>	
			3. Oxybelus, <i>Lat.</i>	
			4. Nitela, <i>Lat.</i>	
			5. Pison, <i>Spin.</i>	
		Crabronites	1. Trypoxylon, <i>Lat.</i>	Sphex figulus, <i>Lin.</i>
			2. Gorytes, <i>Lat.</i>	
			3. Crabro, <i>Fab.</i>	
			4. Stigmus, <i>Jur.</i>	
			5. Pamphredon, <i>Lat.</i>	P. unicolor, <i>Cuv. ?</i>
			6. Mellinus, <i>Fab.</i>	
			7. Alyson, <i>Jur.</i>	
			8. Psen, <i>Lat.</i>	
			9. Philanthus, <i>Fab.</i>	
			10. Cerceris, <i>Lat.</i>	

Family.	Tribe.	Genus.	Subgenus.	Example of Species.
III. DIPLOPTERA.	I. Masari-	des, <i>Lat.</i>	Masaris, <i>Fab.</i>	1. Masaris, <i>Cuv.</i>
				2. Celonites, <i>Lat.</i>
	II. Vespa-	riæ.	Vespa, <i>Lin.</i>	1. Ceramius, <i>Lat.</i> . . C. lusitanicus, <i>Klüg.</i>
				2. Synagris, <i>Lat.</i> . . S. cornuta, <i>Lat.</i>
				3. Eumenes, <i>Lat.</i> . . E. coarctata, <i>Fab.</i>
				4. Pterochilus, <i>Klüg.</i> } Vespa phalærata, <i>Germ.</i>
				5. Odynerus, <i>Lat.</i> . . Vespa muraria, <i>Lin.</i>
				6. Vespa, <i>Lat.</i> . . . Polistes morio, <i>Fab.</i>

Family.	Genus.	Section.	Subgenus.	Example of Species.
IV. ANTHO- PHILA.	Apis, <i>Lin.</i>	I. Andre- netæ	1. Hylæus, <i>Fab.</i>	
			2. Colletes, <i>Lat.</i> . . Apis succincta, <i>Lin.</i>	
			3. Andrena, <i>Lat.</i> . . A. flessæ, <i>Panz.</i>	
			4. Dasypoda, <i>Lat.</i>	
			5. Sphecodes, <i>Lat.</i>	
			6. Halictus, <i>Lat.</i>	
			7. Nomia, <i>Lat.</i>	

ORDER IX.—HYMENOPTERA (*continued*).SECTION II.—ACULEATA (*continued*).

Family.	Genus.	Section.	Subgenus.	Example of Species.
IV. ANTHOPHILA (<i>continued</i>).	Apis, Lin. (<i>continued</i>).	II. Apiariæ.	1. Systropha, Illig.	
			2. Rophites, Spin.	
			3. Panurgus, Panz.	
			4. Xylocopa, Lat. . .	Apis violacea, Lin.
			5. Ceratina, Lat.	
			6. Chelostoma, Lat.	
			7. Heriades, Spin.	
			8. Megachile, Lat. .	Xylocopa muraria, Fab.
			9. Lithurgus, Lat. .	Centris cornuta, Fab.
			10. Osmia, Panz.	
			11. Anthidium, Fab.	
			12. Stelis, Panz.	
			13. Cœlioxys, Lat.	
			14. Ammobates, Lat.	
			15. Philereinus, Lat.	
			16. Epeolus, Lat.	
			17. Nomada, Fab.	
			18. Pasites, Jur.	
			19. Melecta, Lat.	
			20. Crocisa, Jur.	
			21. Oxæa, Klüg.	
			22. Eucera, Cuv.	
			23. Macrocera, Spin.	
			24. Melipodes, Lat. .	Apis longicornis, Lin.
			25. Melliturga, Lat.	
			26. Anthophora, Lat.	
			27. Saropoda, Lat.	
			28. Ancyloscelis, Lat.	
			29. Centris, Fab.	
			30. Epicharis, Klüg.	
			31. Acanthopus, Klüg.	
			32. Euglossa, Lat.	
			33. Bombus, Lat. . .	Apis muscorum, Lin.
			34. Apis, Lat.	Apis mellifica, Lin.
			35. Melipona, Illig.	
			36. Trigona, Lat.	

ORDER X.—LEPIDOPTERA.

Family.	Genus.	Subgenus.	Example of Species.
I. DIURNA.	Papilio, <i>Lin.</i>	1. <i>P. equites</i> , <i>Lin.</i> . . .	<i>P. Machaon</i> , <i>Lin.</i>
		2. <i>Zelima</i> , <i>Fab.</i>	
		3. <i>Parnassius</i> , <i>Lat.</i> . .	<i>Papilio Apollo</i> , <i>Lin.</i>
		4. <i>Thais</i> , <i>Fab.</i> . . }	<i>Papilio Danaï candidi</i> , <i>Lin.</i>
		5. <i>Pieris</i> , <i>Sch.</i>	<i>Papilio brassicæ</i> , <i>Lin.</i>
		6. <i>Colias</i> , <i>Fab.</i>	<i>Papilio hyale</i> , <i>Lin.</i>
		7. <i>Danaïs</i> , <i>Cuv.</i>	<i>Danaus festivus</i> , <i>Lin.</i>
		8. <i>Idea</i> , <i>Fab.</i>	
		9. <i>Heliconius</i> , <i>Latr.</i>	<i>Papilio Heliconii</i> , <i>Lin.</i>
		10. <i>Acrea</i> , <i>Fab.</i>	<i>Papilio nymphalis</i> , <i>Lin.</i>
		11. <i>Cethosia</i> , <i>Fab.</i>	
		12. <i>Argynnis</i> , <i>Fab.</i>	
		13. <i>Vanessa</i> , <i>Fab.</i> . .	<i>Papilio Antiopa</i> , <i>Lin.</i>
		14. <i>Libythia</i> , <i>Fab.</i>	
		15. <i>Biblis</i> , <i>Fab.</i>	
		16. <i>Nymphalis</i> , <i>Latr.</i>	<i>Papilio Jason</i> , <i>Lin.</i>
		17. <i>Morpho</i> , <i>Fab.</i>	
		18. <i>Pavonia</i> , <i>Cuv.</i> . .	<i>Papilio Phidippus</i> .
		19. <i>Brassolis</i> , <i>Fab.</i>	
		20. <i>Eumenia</i> , <i>God.</i>	
		21. <i>Eurybia</i> , <i>Illig.</i>	
		22. <i>Satyrus</i> , <i>Lat.</i>	
		23. <i>Erycina</i> , <i>Lat.</i>	
		24. <i>Myrina</i> , <i>Fab.</i>	
		25. <i>Polyommatus</i> , <i>Cuv.</i> }	<i>Papilio alexis</i> , <i>Hüb.</i>
		26. <i>Barbicornis</i> , <i>God.</i>	
		27. <i>Zephyrius</i> , <i>Dalm.</i>	
		28. <i>Hesperia</i> , <i>Fab.</i> . .	<i>Hesperia malox</i> , <i>Fab.</i>
		29. <i>Urania</i> , <i>Fab.</i> . . .	<i>Papilio riphæus</i> , <i>Fab.</i>
II. CREPUSCULARIA.	Sphinx, <i>Lin.</i>	1. <i>Agarista</i> , <i>Leach.</i>	
		2. <i>Coronis</i> , <i>Lat.</i> . .	
		3. <i>Castinia</i> , <i>Fab.</i>	
		4. <i>Sphinx</i> , <i>Cuv.</i>	<i>S. euphorbiæ</i> , <i>Lin.</i>
		5. <i>Macroglossum</i> , <i>Seo.</i> }	
		6. <i>Smerinthus</i> , <i>Lat.</i> . .	<i>S. demipaon</i> , <i>Cuv.</i>
		7. <i>Sesia</i> , <i>Cuv.</i>	
		8. <i>Thyris</i> , <i>Hoffm.</i> . .	<i>Sphinx fenestrina</i> , <i>Fab.</i>
		9. <i>Ægocera</i> , <i>Lat.</i> . .	<i>Bombyx venulia</i> , <i>Fab.</i>
		10. <i>Zygeena</i> , <i>Cuv.</i> . .	<i>Sphinx filipendule</i> , <i>Lin.</i>
		11. <i>Syntomis</i> , <i>Illig.</i>	
		12. <i>Atychia</i> , <i>Hoffm.</i>	
		13. <i>Prociis</i> , <i>Fab.</i> . . .	<i>Sphinx statice</i> , <i>Lin.</i>

ORDER X.—LEPIDOPTERA (*continued*).

<i>Family.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
III. NOCTURNA.	Phalæna, <i>Lin.</i>		
	I. Hepialites	{	1. Hepialus, <i>Fab.</i> .. H. humuli, <i>Fab.</i> 2. Cossus, <i>Fab.</i> C. ligniperda, <i>Fab.</i> 3. Stygia, <i>Drap.</i> .. S. australis, <i>Lat.</i> 4. Zeugera, <i>Lat.</i> .. Cossus æsculi, <i>Fab.</i>
	II. Bombyciles ..	{	1. Saturnia, <i>Cuv.</i> .. Bombyx tan, <i>Fab.</i> 2. Lasiocampa, } Bombyx quercifolia, Cuv. } Fab. 3. Bombyx, <i>Cuv.</i> B. mori, <i>Lin.</i>
	III. Pseudo-bombyces	{	1. Sericaria, <i>Lat.</i> .. Bombyx dispar, <i>Fab.</i> 2. Notodonta, <i>Ochs.</i> 3. Orygia, <i>Ochs.</i> .. B. antiqua, <i>Fab.</i> 4. Limacodes, <i>Lat.</i> 5. Psyche, <i>Schr.</i> 6. Chelonia, <i>God.</i> { Bombyx chrysorrhæa, Fab.
	IV. Aposura	{	7. Callimorpha, } Bombyx Jacobæ, <i>F.</i> Lat. } Roes. 8. Lithosia, <i>Fab.</i>
	V. Noctuelites ..	{	1. Dicranoura, <i>God.</i> 2. Platyperix, } Lasp. ? }
	VI. Phalænæ tortrices	{	1. Erebus, <i>Lat.</i> 2. Noctua, <i>Cuv.</i> N. sponsa, <i>Fab.</i>
	VII. Phalænites, <i>Lat.</i>	{	1. Pyralis, <i>Fab.</i> P. pomana, <i>Fab.</i>
	VIII. Deltoides	{	1. Phalæna, <i>Cuv.</i> .. P. sambucaria, <i>Lin.</i> 1. Herminia, <i>Lat.</i> 2. Botys, <i>Lat.</i> Papilio urticata, <i>Lin.</i> 2. Hydrocampe, } Papilio potamogata, Lat. } Cuv. 3. Aglossa, <i>Latr.</i> { Papilio pinguinalis, Lin.
	IX. Tineites	{	4. Galleria, <i>Fab.</i> .. G. cereana, <i>Fab.</i> 5. Crambus, <i>Fab.</i> 6. Alucita, <i>Lat.</i> 7. Euplocamus, <i>Lat.</i> 8. Phycis, <i>Fab.</i> P. Boleti, <i>Fab.</i> 9. Tinea, <i>Cuv.</i> Pyralis tapezana, <i>Fab.</i> 10. Ilithya, <i>Lat.</i> .. Crambus carneus, <i>Fab.</i> 11. Yponomeuta, <i>Lat.</i> Tinea evonymella, <i>Fab.</i> 12. Oecophora, <i>Lat.</i> .. Tinea majorella, <i>Hüb.</i> 13. Adela, <i>Lat.</i> Alucita Dejeerella, <i>F.</i>
	X. Pterophorites	{	1. Pterophorus, <i>Cuv.</i> P. pentadactylus, <i>Fab.</i> 2. Orneodes, <i>Latr.</i> { Pterophorus hexadac- tylus, <i>Fab.</i>

ORDER XI.—RHIPIPTERA.

*Genus.*I. Xenos, *Ros.*II. Stylops, *Kir.*

ORDER XII.—DIPTERA.

<i>Family.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. NEMOCERA.	Culex, <i>Lin.</i>	1. Culex, <i>Cuv.</i> . . .	Culex pipiens, <i>Lin.</i>
		2. Anopheles, <i>Cuv.</i>	
		3. Oedes, <i>Hoffm.</i>	
	Tipula, <i>Lin.</i>	1. Corethra, <i>Meig.</i>	Tipula culiciforma, de Géer.
		2. Chironomus, <i>Meig.</i>	Tipula annularia, <i>Meig.</i>
		3. Tanypus, <i>Meig.</i>	
		4. Ceratopogon, <i>Meig.</i>	
		5. Psychoda, <i>Lat.</i> . .	
		6. Cacidomyia, <i>Meig.</i>	
		7. Lestremia, <i>Mac-</i> <i>quart</i>	Cacidomyia destructor, Mac.
		8. Ctenophora, <i>Meig.</i>	Tipula pectinicornis, Fab.
		9. Pedicia, <i>Lat.</i> . . .	
		10. Tipula, <i>Lat.</i>	T. oleracea, <i>Lin.</i>
		11. Nephrotoma, <i>Meig.</i>	
		12. Ptychoptera, <i>Meig.</i>	
		13. Riphidia, <i>Meig.</i>	
		14. Erioptera, <i>Meig.</i>	
		15. Lasioptera, <i>Meig.</i>	
		16. Limnobia, <i>Meig.</i>	
		17. Polymera, <i>Wied.</i>	
		18. Trichocera, <i>Meig.</i>	
		19. Macræpeza, <i>Meig.</i>	
		20. Dixa, <i>Meig.</i>	
		21. Mækistocera, <i>Wied.</i>	
		22. Hexatoma, <i>Lat.</i>	
		23. Chionea, <i>Dalm.</i>	
		24. Rhyphus, <i>Lat.</i>	
		25. Asindulum, <i>Cuv.</i>	
		26. Gnorista, <i>Meig.</i>	
		27. Bolitophila, <i>Hoff.</i>	

ORDER XII.—DIPTERA (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
I. NEMOCERA (<i>continued</i>).	Tipula, <i>Lin.</i> (<i>cont.</i>)	28. Macrocera, <i>Meig.</i>	
		29. Mycetophila, <i>Meig.</i>	
		30. Leia, <i>Meig.</i>	
		31. Platyura, <i>Meig.</i>	
		32. Synapha, <i>Meig.</i>	
		33. Mycetobia, <i>Meig.</i>	
		34. Molobrus, <i>Latr.</i>	
		35. Campylomyza, } <i>Wied.</i>	
		36. Ceroplateus, <i>Bosc.</i>	
		37. Cordyla, <i>Meig.</i>	
		38. Simulium, <i>Lat.</i>	
		39. Scatopse, } <i>Geoff.</i>	Tipula latrinarum, De G.
		40. Penthetria, <i>Meig.</i>	
		41. Dilophus, <i>Meig.</i>	
		42. Bibeo, <i>Geoff.</i>	Tipula hortulana, <i>Lin.</i>
II. TANYSTOMA.	Asilus, <i>Lin.</i>	43. Aspistes, <i>Hofm.</i>	
		1. Laphria, <i>Meig.</i>	
		2. Ancilorhynchus, <i>Lat.</i>	
		3. Dasypogons, } <i>Meig.</i>	
		4. Ceraturgus, } <i>Wied.</i>	
		5. Dioctria, <i>Meig.</i>	
		6. Asilus, <i>Cuv.</i>	A. craboniformis, <i>Lin.</i>
		7. Ommatius, <i>Illig.</i>	
		8. Gonipus, <i>Lat.</i>	
		9. Oedalia, <i>Meig.</i>	
		10. Hybos, <i>Meig.</i>	
	Empis, <i>Lin.</i>	11. Ocydromia, <i>Hoff.</i>	
		1. Empis, <i>Cuv.</i>	E. pinnipes, <i>Fab.</i>
		2. Ramphomyia, } <i>Meig.</i>	
		3. Hilara, <i>Meig.</i>	
		4. Brachystoma, } <i>Meig.</i>	
		5. Gloma, <i>Meig.</i>	
		6. Hemerodromia, <i>Hoffm.</i>	
	Cyrtus, <i>Lat.</i>	7. Sicus, <i>Lat.</i>	
		8. Drapetis, <i>Meig.</i>	
		1. Panops, <i>Lam.</i>	
		2. Cyrtus, <i>Lat.</i>	
		3. Astomella, <i>Duf.</i>	
		4. Henops, <i>Illig.</i>	
		5. Acrocera, <i>Meig.</i>	

ORDER XII.—DIPTERA (*continued*).

<i>Family.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
II. TANYSTOMA (<i>continued</i>).	Bombylius, <i>Lin.</i> ..	1. Toxophora, <i>Meig.</i>	T. maculatus, <i>Meig.</i>
		2. Xestomyza, <i>Wied.</i>	
		3. Apatomyza, <i>Wied.</i>	
		4. Lasius, <i>Wied.</i>	
		5. Usia, <i>Lat.</i>	
		6. Phthiria, <i>Meig.</i>	
		7. Bombylius, <i>Meig.</i>	B. major, <i>Lin.</i>
		8. Geron, <i>Meig.</i>	
		9. Ploas, <i>Meig.</i>	
		10. Cyllenia, <i>Latr.</i>	
	Anthrax, <i>Scop.</i> ..	1. Stygides, <i>Lat.</i>	
		2. Anthrax, <i>Meig.</i>	Musca morio, <i>Panz.</i>
		3. Hirmoneura, <i>Wied.</i>	
		4. Mulio, <i>Lat.</i>	
		5. Nemestrina, <i>Lat.</i>	
		6. Fallenia, <i>Meig.</i>	
		7. Colax, <i>Wied.</i>	
	Thereva, <i>Lat.</i>		Bibio plebeia, <i>Fab.</i>
	Leptis, <i>Cuv.</i>	1. Atherix, <i>Meig.</i>	
		2. Leptis, <i>Fab.</i>	Musca scolopacea, <i>Lin.</i>
		3. Chrysopilus, <i>Mac.</i>	Musca vermileo, <i>Lin.</i>
		4. Clinocera, <i>Meig.</i>	
III. TABANIDES.	Dolichopus, <i>Lat.</i> .	1. Ortochile, <i>Lat.</i>	
		2. Dolichopus, <i>Cuv.</i>	D. unguatus, <i>Fab.</i>
		3. Sybistroma, <i>Meig.</i>	
		4. Raphium, <i>Meig.</i>	
		5. Porphyrops, <i>Meig.</i>	
		6. Medeterus, <i>Fisc.</i>	
		7. Hydrophorus, <i>Mac.</i>	
		8. Chrysotus, <i>Mac.</i>	
		9. Psilopus, <i>Mac.</i>	
		10. Diaphorus, <i>Mac.</i>	
		11. Callomyia, <i>Meig.</i>	
		12. Platypeza, <i>Meig.</i>	
		13. Scenopinus, <i>Lat.</i>	Musca fenestralis, <i>Lin.</i>
III. TABANIDES.	Tabanus, <i>Lin.</i>	1. Pangonia, <i>Lat.</i>	
		2. Tabanus, <i>Cuv.</i> ..	T. bovinus, <i>Lin.</i>
		3. Silvia, <i>Meig.</i>	Tabanus vituli, <i>Fab.</i>
		4. Chrysops, <i>Cuv.</i> ..	C. cæcutiens, <i>Fab.</i>
		5. Hæmatopota, <i>Meig.</i>	
		6. Hexatoma, <i>Meig.</i>	

ORDER XII.—DIPTERA (*continued*).

Family.	Genus.	Subgenus.	Example of Species.
IV. NOTACANTHA.	Mydas, <i>Cuv.</i>	{ 1. Cephalocera, <i>Lat.</i> 2. Mydas, <i>Fab.</i>	
	Chiromyza, <i>Wied.</i>		
	Pachystomus, <i>Lat.</i>		
	Xylophagus, <i>Cuv.</i>	1. Hermetia, <i>Lat.</i>	
		2. Xylophagus, <i>Meig.</i> X. ater, <i>Lat.</i>	
		3. Acanthomera, } <i>Wied.</i>	
		4. Raphiorhynchus	
		5. Cœnomyia, <i>Lat.</i> .Sicus ferrugineus, <i>Fab.</i>	
		6. Beris, <i>Lat.</i>	
		7. Cyphomyia, <i>Wied.</i>	
		8. Ptilodactylus, } Stratiomys quadriden- <i>Wied.</i> } tata, <i>Fab.</i>	
	Stratiomys, <i>Geoff.</i>	1. Stratiomys, <i>Fab.</i> .S. chamælion, <i>Fab.</i>	
		2. Odontomyia, } <i>Meig.</i>	
		3. Ehippium, } Stratiomys ehippium, <i>Lat.</i> } <i>Fab.</i>	
		4. Oxycera, <i>Meig.</i> } Stratiomys hypoleon, <i>Fab.</i>	
		5. Nemotelus, <i>Geoff.</i>	
		6. Chrysochlora, } Sargus amethystinus, <i>Lat.</i> } <i>Fab.</i>	
		7. Sargus, <i>Fab.</i> Musca cupraria, <i>Lin.</i>	
		8. Vappo, <i>Lat.</i>	

Family.	Tribe.	Genus.	Subgenus.	Example of Species.
V. ATHERICERA.	I. Syrphides.	Syrphus, <i>Cuv.</i>	1. Volucella, <i>Geoff.</i> . Musca mystacea, <i>Lin.</i>	
			2. Sericomylia, <i>Meig.</i>	
			3. Eristalis, <i>Meig.</i> . . E. intricarius, <i>Meig.</i>	
			4. Mallota, <i>Meig.</i>	
			5. Helophilus, <i>Meig.</i> Musca tenax, <i>Lin.</i>	
			6. Syrphus, <i>Lat.</i> . . Scæva ribesii, <i>Fab.</i>	
			7. Baccha, <i>Meig.</i>	
			8. Chrysogaster, } <i>Meig.</i>	
			9. Paragus, <i>Lat.</i>	
			10. Sphecomylia, <i>Lat.</i>	
			11. Psarus, <i>Lat.</i>	
			12. Chrysotoxum, } <i>Meig.</i>	
			13. Ceria, <i>Fab.</i>	
			14. Callicera, <i>Meig.</i>	
			15. Ceratophylia, } <i>Wied.</i>	
			16. Aphritis, <i>Lat.</i>	
			17. Merodon, <i>Meig.</i> . Eristalis Narcissi, <i>Fab.</i>	

ORDER XII.—DIPTERA (*continued*).

<i>Family.</i>	<i>Tribe.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
V. ATHERICERA (<i>continued</i>).	I. Syrphides.	Syrphus (<i>cont.</i>). ..	18. Ascia, <i>Meig.</i> 19. Sphegina, <i>Meig.</i> 20. Eumerus, <i>Meig.</i> .. 21. Milesia, <i>Lat.</i> 22. Pipiza, <i>Meig.</i> 23. Brachyopa, <i>Hoff.</i> 24. Rhingia, <i>Scop.</i> 25. Pelocera, ? <i>Hoff.</i>	Musca pipiens, Lin.
	II. Oestrides.	Oestrus, <i>Lin.</i>	1. Cuterebra, <i>Clark.</i> 2. Cephemyia, <i>Cuv.</i> .. 3. Oedemagena, <i>Cuv.</i> 4. Oestrus, <i>Cuv.</i>	Oestrus buccatus, Fab. Oe. equi, Fab.
	III. Conopsariæ.	Conops, <i>Lin.</i>	1. Systropus, <i>Wied.</i> 2. Conops, <i>Fab.</i> 3. Zodium, <i>Lat.</i> 4. Myopa, <i>Fab.</i> 5. Stomoxys, <i>Geoff.</i> 6. Bucentes, <i>Lat.</i> 7. Carnus, <i>Nitz.</i>	C. macrocephala, Fab. M. ferruginea, Fab. Conops calcitrans, Lin.
	IV. Muscides.	Musca, <i>Cuv.</i>	1. Echinomyia, <i>Dum.</i> 2. Gonïa, <i>Meig.</i> 3. Miltogramma, <i>Meig.</i> 4. Trixa, <i>Meig.</i> 5. Gymnosomia, <i>Meig.</i> 6. Cistogaster, <i>Lat.</i> 7. Phasia, <i>Meig.</i> 8. Trichiopoda, <i>Lat.</i> 9. Lophosia, <i>Meig.</i> 10. Ocyptera, <i>Meig.</i> 11. Melanophora, <i>Meig.</i> 12. Phania, <i>Meig.</i> 13. Xysta, <i>Meig.</i> 14. Tachina, <i>Fab.</i> 15. Dexia, <i>Meig.</i> 16. Musca, <i>Lin.</i> 17. Sarcophaga, <i>Meig.</i> 18. Achias, <i>Fab.</i> 19. Idia, <i>Meig.</i>	Musca grossa, Lin. O. bicolor, Duf. M. vomitoria, Lin. Musca carnaria, Lin. Musca felina, Fab.

ORDER XII.—DIPTERA (*continued*).

Family.	Tribe.	Genus.	Subgenus.	Example of Species.
V. Athericera (<i>continued</i>).	IV. Muscides (<i>continued</i>).	Musca, Cuv. (<i>cont.</i>) . . .	20. Lipse, <i>Lat.</i>	
			21. Agyritis, <i>Lat.</i>	
			22. Anthomyia, <i>Meig.</i>	} Musca pluvialis, Lin.
			23. Drymeia, <i>Meig.</i>	
			24. Cænusia, <i>Meig.</i>	} Musca fungorum, De Géer.
			25. Eriphia, <i>Meig.</i>	
			26. Ropalomera, <i>Wied.</i>	}
			27. Ochtera, <i>Lat.</i>	
			28. Ephydra, <i>Fall.</i>	
			29. Notiphila, <i>Fall.</i> . .	Musca cellaria, Panz.
			30. Thyreophora, <i>Lat.</i>	} Musca cynophila, Panz.
			31. Sphærocera, <i>Lat.</i>	
			32. Dialyta, <i>Meig.</i>	
			33. Cordylura, <i>Fall.</i>	
			34. Scatophaga, <i>Lat.</i> .	Musca stercoria, Lin.
			35. Loxocera, <i>Lat.</i>	
			36. Chyliza, <i>Fall.</i>	
			37. Liisa, <i>Meig.</i>	
			38. Psilomyia, <i>Latr.</i>	
			39. Lonchoptera, <i>Meig.</i>	}
			40. Heleomyza, <i>Fall.</i>	Musca serrata, Lin.
			41. Dryomyza, <i>Fall.</i>	
			42. Sapromyza, <i>Fall.</i>	
			43. Oscinis, <i>Lat.</i>	
			44. Otites, <i>Lat.</i> . .	} Oscinis umbraculata, Fab.
			45. Euthycera, <i>Lat.</i>	} Scatophaga chærophyl- li, Fab.
			46. Sepedon, <i>Lat.</i>	
			47. Tetanocera, <i>Dum.</i>	Sepedon rufa, Fab.
			48. Micropeza, <i>Meig.</i>	Calobata filiformis, Fab.
			49. Calobata, <i>Meig.</i>	
			50. Diopsis, <i>Lin.</i>	D. apicalis, Dalm.
			51. Cephalia, <i>Meig.</i>	
			52. Sepsis, <i>Fall.</i>	
			53. Ortalis, <i>Fall.</i>	Musca vibrans, Lin.
			54. Tetanops, <i>Meig.</i>	
			55. Thephritis, <i>Lat.</i>	Musca cardui, Lin.
			56. Platystoma, <i>Meig.</i>	}
			57. Celyphus, <i>Dalm.</i> .	C. obtectus, Dalm.
			58. Lauxania, <i>Lat.</i>	

ORDER XII.—DIPTERA (*continued*).

Family.	Tribe.	Genus.	Subgenus.	Example of Species.
V. ATHERICE- RA (<i>cont.</i>).	IV. Muscides (<i>continued</i>).	Musca, Cuv. (<i>cont.</i>) ..	59. Mosillus, Lat.	
			60. Tlmia, Lat.	
			61. Homalura, Meig.	
			62. Actora, Meig.	
			63. Gymnomyza, Fall. }	
			64. Lonchæa, Fall.	
			65. Phora, Lat.	
VI. PUPIPARA.	.....	Hippobosca, Lin.	1. Hippobosca, Cuv.	H. equina, Lin.
			2. Ornithomyia, Lat. }	Hippobosca avicularia, Lin.
			3. Strebla, Dalm.	
			4. Melophagus, Lat.	Hippobosca ovina, Lin.
			5. Lipotepna, Nitz.	
	.....	Nycteribia, Lat.		

DIVISION IV.—RADIATA, OR ZOOPHYTES.

THIS division includes the most simple forms of animated nature, and although these forms vary considerably in the several classes, all show traces, more or less distinct, of radiation from a common centre.

It includes five classes.

<i>Division.</i>	<i>Class.</i>
RADIATA..	I. ECHINODERMATA
	II. ENTOZOA, or, Intestinal Worms
	III. ACALEPHÆ
	IV. POLYPI
	V. INFUSORIA

CLASS I.—ECHINODERMATA.

This name is strictly applicable to the genus *Echinus*, sea-urchins, or hedgehogs, but is applied more generally to the most complicated of the radiated animals. All the genera have a well organized skin, with distinct viscera, and a sort of imperfect vascular system.

The class includes two orders.

ECHINODERMATA..	{ 1. Pedicellata
	{ 2. Apedicellata

ORDER I.—PEDICELLATA.

The envelope in this order is pierced with apertures, through which issue numerous membranaceous tentacula, which acting as organs of motion, are called the feet.

ORDER I.—PEDICELLATA.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
Asterias.....	1. Asterias, <i>prop.</i> Lam.	As. discoidea, Lam.
	2. Ophiura.....	Ast. nigra, Müll.
	3. Gorgonocephala, <i>Leach.</i>	} As. caput Medusæ.
	4. Alecto, <i>Leach.</i>	
Encrinus	1. Encrinus, <i>prop.</i> & existing.	} Pentacrinus Europæus, Thomson.
	2. Apiocrinites	
	3. Encrinites	} <i>All fossil.</i>
	4. Pentacrinites	
	5. Platycrinites	
	6. Poteriocrinites	
	7. Cyathocrinites	
	8. Actinocrinites	
	9. Rhodocrinites	
	10. Eugeniocrinites	
Echinus.....	1. Echinus, <i>prop.</i>	E. mamillatus, L.
	2. Echinone, <i>Phelsum.</i>	E. cyclostomus, Müll.
	3. Nucleolites, <i>Lin.</i>	} Spatangus depressus, fossil, Leslie.
	4. Galerites, <i>Lam.</i>	
	5. Scutella, <i>Lam.</i>	E. auritus, Schl.
	6. Rotula, <i>Kl.</i>	E. decadactylus.
	7. Cassidulus, <i>Lam.</i> ..	Cass. Caribæorum, Lam.
	8. Ananchites, <i>Lam.</i> ..	E. ovatus, L. fossil.
	9. Clypeaster, <i>Lam.</i> ..	E. rosaceus, Kl.
	10. Fibularia, <i>Lam.</i>	E. nucleus, Kl.
	11. Spatangus, <i>Kl.</i>	
	12. Brissoïdes, <i>Kl.</i>	E. teres, Seb.
	13. Brissus, <i>Kl.</i>	E. purpureus, Müll.
Holothuria.....		Hol. plantapus, L.

ORDER II.—APEDICELLATA.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
Molpadia		Mol. holothuroïdes, Cuv.
Mynias		M. cyanea, Cuv.
Priapululus		Hol. priapululus, L.
Lithodermes		Lith. cuneus, Cuv.
Sipunculus.....		Sip. edulis, Cuv.
Bonellia.....		Bon. viridis, Rol.
Thalassema	1. Thalassema, <i>prop.</i> ..	T. Neptuni, Gertner.
	2. Echiurus.	Lumbricus echiurus, Gmel.
	3. Sternapsis, <i>Otto</i> ..	Thalassima scutatum, Ranzan.

CLASS II.—INTESTINA—ENTOZOA, *Rudolphi*.

This class, so far as has been observed, is destitute of any true circulation, though there are obscure vestiges of nerves. Most of the genera live only in the interior of other animals.

They are divided into two orders.

<i>Class.</i>	<i>Order.</i>
INTESTINA..	$\left\{ \begin{array}{l} 1. \text{Intestina cavitaria} \\ 2. \text{Intestina parenchymata} \end{array} \right.$

ORDER I.—INTESTINA CAVITARIA—NEMATOIDEA, *Rudolphi*.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
Filaria, <i>L.</i>		Fil. Medinensis, Gm.
Trichocephalus	$\left\{ \begin{array}{l} 1. \text{Trichocephalus,} \\ \text{proper.} \end{array} \right. \left. \begin{array}{l} \\ 2. \text{Trichostomus.} \end{array} \right.$	T. dispar, Rud.
	3. Oxyuris.	Ox. curvula, Rud.
Cucullanus.....		C. lacustris, Gm.
Ophistomus		O. cystidicola.
Ascaris		As. lumbricoides, L.
Strongylus.....		Stron. equinus, Gm.
Spiroptera		Sp. strumosa, Nits.
Physaloptera.....		See Rud. Syn. 29.
Scelorostoma, <i>Blain.</i>	$\left\{ \begin{array}{l} 1. \text{Scelorostoma, Blain.} \\ 2. \text{Liorhynchus, Rud.} \end{array} \right.$	
Linguatula		
Prionoderma		Cucullanus ascarhoides
	$\left\{ \begin{array}{l} 1. \text{Lernæa, prop.} \\ 2. \text{Pennella, Oken} \\ 3. \text{Sphyrionis, Cuv. ..} \\ 4. \text{Anchorella, Cuv. ..} \\ 5. \text{Brachiella, Cuv.} \\ 6. \text{Clavella, Oken.} \\ 7. \text{Chondracanthus,} \end{array} \right.$	$\left. \begin{array}{l} L. branchialis, L. \\ Pen. filosa, Gm. \\ Chondracanthe lisse, Quoy \& G. \\ Lernæa adunea, Stræm. \\ B. Thynni, Cuv. \\ Lernæa uncinata, Müll. \\ Lernæa radiata, Müll. \\ Laroch.} \end{array} \right.$
Lernæa.....		
Nemertes, <i>Cuv.</i>		Nem. Borlasii, Cuv.
Tubularia, <i>Renimeri</i> .		
Ophiocephalus, <i>Quoy & G.</i>		
Cerebratula, <i>Renimeri</i>		

ORDER II.—PARENCHYMATA.

This order is divided into four families.

<i>Order.</i>	<i>Family.</i>
PARENCHYMATA..	Acanthocephala
	Trematodes
	Tenioides
	Cestoides

<i>Family.</i>	<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
I. ACANTHO- CEPHALA.	Echinorhynchus	1. E. prop.....	E. gigas, Gm.
		2. Hæruca.....	H. muris, Gm.
II. TREMATODES.	Fasciola ..	1. Festucaria.	
		2. Strigea.	
		3. Caryophyllæus.	
		4. Fasciola, prop.	F. hepatica, L.
	Holostoma	1. Polystoma.....	P. intergerrimum, Rud.
	Cyclocotyles	.....	C. bellones, Ott.
		1. Tristoma, Cuv.	T. coccineum, Cuv.
	Hectocotyles	.....	H. octopodis, Cuv.
	Aspidogaster	.....	A. conchicola, Bær.
	Planaria	.....	P. lactea.
III. TENIOIDES.	Prostomes		
	Derostoma		
	Phœnicura	.....	Vertumnus thedicola, Otto
	Tænia	.....	T. lata, Rud.
	Tricuspidaria	.....	T. nodulosa, Gm.
	Bothryocephalus		
	Dibothryorhynchus		
	Floriceps		
	Rhyncobothrium	.....	R. corollatus, Rud.
	Tetrarhynchus	.....	T. lingualis, Cuv.
		1. Tentacularia, Bosc.	
	Cysticercus	.....	T. ferarum.
	Cœnurus	.....	T. cerebialis.
	Scolex	.....	S. gigas, Cuv.
IV. CESTO- TOIDES.	Ligula	.....	L. abdominalis, Gm.

CLASS III.—ACALEPHA.

Commonly called sea-nettles. These display some appearance of internal vessels, which, however, are mere productions of the intestines in the substance of the body.

They include two orders.

<i>Class.</i>	<i>Order.</i>
ACALEPHA..	{ Acalephæ simplices. { Acalephæ hydrostaticæ.

ORDER I.—ACALEPHÆ SIMPLICES.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
	1. Medusa, prop.	
	2. Æquorea	M. æquorea, Gm.
	3. Phorcynia	M. mollicina, Forsk.
	4. Foveolia	
	5. Pelagia	O. panopyra, Peron.
	6. Cyanæa	Med. aurita.
	7. Rhyzostoma	Med. pulmo, Gm.
	8. Cephæa	Med. cephæa, Forsk.
	9. Cassiopea	Med. frondosa, Pal.
	10. Astoma	Med. proboscidalis, Forsk.
Medusa	11. Berenice	B. carisochroma, Per.
	12. Eudora	Eud. moneta, Cuv.
	13. Carybdea	Med. marsupialis, Gm.
	14. Beroe	Med. pileus, Gm.
	15. Idya	Med. infundibulum, Gm.
	16. Doliolum	D. Mediterraneum, Otto.
	17. Callianira	C. didiploptera, Per.
	18. Janira	Beroe hexagone, Brug.
	19. Alcinae	A. vormiculata, Rans.
	20. Ocyroc	O. maculata, Rans.
	21. Cestum	Cest. Veneris, Leseur.
Porpites		Med. umbella, Müll.
Velella		Med. velella, Gm.

ORDER II.—HYDROSTATICA.

This order is distinguished by air vesicles or bladders, by which the animals are usually suspended in the water.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
Physalia, <i>Lam.</i>		Holothuria physalis, L.
Physosphora, <i>Forsk.</i>	1. Physosphora, prop. . .	P. hydrostatica, Gm.
	2. Hippopus, <i>Quoy & G.</i>	
	3. Cupulites.	
	4. Racemides, <i>Cuv.</i>	
	5. Rhyzophyza, <i>Per.</i> . .	P. filliformis, Forsk.
	6. Stephanomia.	S. amphitritis, Per.
Diphyes, <i>Cuv.</i>	1. Diphyes, prop.	} See An. de Sc. X.
	2. Calpe.	
	3. Abyla.	
	4. Cuboides.	
	5. Navicula.	

CLASS IV.—POLYPI.

In this class there are tentacula, which surround the mouth. Most of the genera propagate by off-shoots, as well as by eggs.

It includes three orders, viz.—

<i>Class.</i>	<i>Order.</i>
POLYPI..	$\left\{ \begin{array}{l} \text{Polypi carnosì.} \\ \text{Polypi gelatinosì.} \\ \text{Polypi polypiferi.} \end{array} \right.$

ORDER I.—POLYPI CARNOSI.

Called also fixed sea-nettles. They have a fleshy envelope, and are generally fixed to some submarine object, but occasionally free.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
Actinia	$\left\{ \begin{array}{l} 1. \text{ Actinia, prop.} \\ 2. \text{ Thalassianthus} \\ 3. \text{ Discosoma} \\ 4. \text{ Zoanthus} \end{array} \right.$	$\left\{ \begin{array}{l} \text{Ac. senilis, L.} \\ \text{Thal. aster, Ruppel.} \\ \text{D. nummiforme, Id.} \\ \text{Hydra sociata, Gm.} \end{array} \right.$
Lucernaria.....		L. quadricornis, Müll.

ORDER II.—POLYPI GELATINOSI.

Are without any general envelope, and are gelatinous. Their body represents a mere bag.

<i>Genus.</i>	<i>Example of Species.</i>
Hydra, <i>Lin.</i>	H. viridis, Trembley.
Corine, <i>Gærtner.</i>	Tabularia coryna, Gm.
Cristatella	C. mucedo, Cuv.
Vorticella	
Pedicellaria	See Müller, Zool. Dan. xvi.

ORDER III.—POLYPI POLYPIFERI.

In this order the animals are composite, inhabiting, in numbers, a single habitaculum or polyparia, with a community of nutriment and volition.

The order is divided into three families.

Family.	Genus.	Subgenus.	Example of Species.		
I. P. TUBIFERI.	Tubipora	T. musica, L.			
	Tubularia	1. Tub. marina	Tub. indivisa, Ellis.		
		2. Tibiana	Tib. fasciculata, Lam.		
		3. Cornularia	Tub. cornucopia		
		4. Anguinaria	Sertularia anguina, Ellis.		
	Sertularia ..	5. Campanularia	Sert. verticillata, Ellis.		
		1. Aglophenia	Sert. myrophillum, Ellis.		
		2. Amatia	Sert. lendigera, Ellis.		
		3. Antennularia	Sert. antennina, Gm.		
	Cellularia	4. Sertularia, prop. ..	Sert. æbictina, Gm.		
		1. Crisia	Sert. eburnia, Gm.		
		2. Acamarchis	Sert. neritina, Gm.		
3. Loricula		Sert. loricata, Ellis.			
Flustra	4. Eucratia	Sert. chelata, Gm.			
	5. Electra	Flustra verticillata, Gm.			
	6. Salicornaria	Cellularia salicornia, Ellis.			
		T. foliacea, Gm.			
II. P. CELLULOSI.	Cellepora	Cel. hyalina, Gm.			
	Tubulipora	Millepora tubulosa, Gm.			
	Corallina	1. Corallina, prop.	Cor. officinalis, Ellis.		
		2. Amphiroe	Cor. rigens, Ellis.		
		3. Jania	Cor. rubens, Id.		
		4. Cymopholia	Cor. barbata, Gm.		
		5. Penicillus	Cor. penicillus, Ellis.		
		6. Halymede	Cor. tuna, Id.		
		7. Flabellaria	Cor. conglutina, Id.		
		8. Galaxaura	Cor. obtusata, Id.		
		9. Liagora	Cor. marginata, Id.		
		10. Anadiomene	An. flabellata, Lamour.		
11. Acetabulum		Tubularia, acetabulum, Gm.			
12. Polyphysa		Pol. aspergillum, Lamour			
Family.	Tribe.	Genus.	Subgenus.	Example of Species.	
III.	P. CORTICATI.	I. Coratophyta.	Antipathes	Ant. spiralis, Ellis.	
				1. Plexaurus	Gorg. crassa, Gm.
			Gorgonia	2. Eunicea	Gorg. antipathes, Seb.
				3. Muricea	Mur. spirifera, Lam.
			4. Primnoa	Gorg. reseda, Gm.	

ORDER III.—POLYPI POLYPIFERI (*continued*).

Family.	Tribes.	Genus.	Subgenus.	Example of Species.
III. CORTICATI (<i>continued</i>).	II. LITHOPHYTA.	Isis	1. <i>Coralium</i>	<i>Isis nobilis</i> , L.
			2. <i>Melite</i> , <i>Lam.</i>	<i>Isis ocracea</i> , Espern.
			3. <i>Isis</i> , <i>prop.</i> , <i>Lam.</i> . .	<i>Isis hippuris</i> , L.
			4. <i>Mopsea</i>	<i>Isis dichotoma</i> , Seb.
		Madrepora	1. <i>Fungia</i> , <i>Lam.</i>	<i>Mad. fungites</i> , L.
			2. <i>Turbinolia</i> , <i>Id.</i> . . .	<i>Mad. turbinata</i> , L.
			3. <i>Cyclolithes</i> , <i>Id.</i> . . .	<i>Mad. porpita</i> , L.
			4. <i>Caryophyllia</i> , <i>Id.</i> . .	<i>Mad. cyathus</i> , Ellis.
			5. <i>Oculina</i> , <i>Id.</i>	<i>Mad. Virginea</i> , L.
			6. <i>Pocillopera</i> , <i>Id.</i> . . .	<i>Mad. domicornis</i> , Esper.
			7. <i>Serialopora</i> , <i>Id.</i> . . .	<i>Mad. seriata</i> , Pall.
			8. <i>Astrea</i>	<i>Mad. radiata</i> , Ell.
			9. <i>Explanaria</i>	<i>Mad. emerscens</i> , Ell.
			10. <i>Porites</i>	<i>Mad. porites</i> , Ellis.
			11. <i>Meandrina</i>	
			12. <i>Puvaria</i>	<i>Mad. agaricites</i> .
			13. <i>Hydrophora</i>	<i>Mad. exesa</i> , Ellis.
			14. <i>Agaricina</i>	<i>Mad. cucullata</i> , Ellis.
			15. <i>Sarcinula</i> , <i>Lam.</i> . . .	<i>Mad. organum</i> , L.
			16. <i>Stylina</i>	
	III. NANTIA.	Millepora	1. <i>Distichopora</i>	<i>Mill. violacea</i> , Pall.
			2. <i>Millepora</i> , <i>prop.</i> . . .	<i>Mill. alcicorius</i> , Pall.
			<i>Lam.</i>	
			3. <i>Nullipora</i>	<i>Mill. informis</i> , L.
			4. <i>Eschara</i> , <i>Lam.</i> . . .	<i>Mill. foliacea</i> , Ellis.
			5. <i>Retepora</i> , <i>Id.</i>	<i>Mill. cellulosa</i> , Ell.
			6. <i>Adeona</i> Lamouroux. <i>Ad. grisea</i> , Lamour.	
		Pennatula	1. <i>Pennatula</i> , <i>prop.</i> . . .	<i>Pen. rubra</i> , Gm.
			<i>Cuv.</i>	
			2. <i>Virgularia</i> , <i>Lam.</i> . . .	<i>Pen. mirabilis</i> , Müll.
			3. <i>Scirpearea</i> , <i>Cuv.</i> . . .	<i>Pen. mirabilis</i> , Lin.
			4. <i>Pavonaria</i> , <i>Cuv.</i> . . .	<i>Pen. antennina</i> , Bohatsch
			5. <i>Renilla</i> , <i>Lam.</i>	<i>Pen. reniformis</i> , L.
			6. <i>Veretillum</i> , <i>Cuv.</i> . . .	<i>Pen. cynomorium</i> , Pall.
			7. <i>Ombelluraria</i> , <i>Cuv.</i> . .	<i>Pen. encrinus</i> , Ellis.
		Ovulites Lunulites Orbulites Dactylopora	} <i>Fossil genera.</i>	
IV. ALCYONIA.		Alcyonium	<i>Alcy. digitatum</i> , Ell.	
		Thethya, <i>Lam.</i>		
		Spongia	<i>Sp. officinalis</i> , L.	

CLASS V.—INFUSORIA.

Microscopic animals, in general of extreme simplicity of organization. Some of the genera, however, appear to be more complicated, though the details of their organization escape the deepest powers of the microscope.

The class is divided into two orders.

<i>Class.</i>	<i>Order.</i>
INFUSORIA..	{ 1. Rotifera. 2. Homogenea.

ORDER I.—ROTIFERA.

Body oval and gelatinous; a mouth, stomach, intestines, and arms have been observed. The mouth or head is surrounded by denticulated lobes, which vibrate with great rapidity, and present the appearance under the glass of a revolving wheel.

<i>Genus.</i>	<i>Subgenus.</i>	<i>Example of Species.</i>
Furcularia	{ 1. Furcularia, prop. . . F. 2. Trichocerca, Lam. . . Tri. paxillum, Müll. 3. Vaginicola, Lam. . . Tri. innata, Müll.	
Tubicolaria, Lam.		Vorticella tetrapetala
Brachionus, Müll.		

ORDER II.—HOMOGENEA.

Body gelatinous, but without appearance of stomach, intestines, anus, and sometimes of mouth.

Genus.

Urceolaria, *Lam.*
Trichoda
Leucophra
Kerona
Himantopus
Cercaria
Vibrio
Enchelis
Cyclidium
Paramecium
Kolpoda
Gonium
Bursaria
Proteus
Monas
Volvox.

INDEX

TO THE

ANIMAL KINGDOM.

MAMMALIA.

ABDOMINALES, vol. i. page lxvi.

Acanthion, v. 262

Daubentonii, v. 262

javanicum, v. 262

Accipitres, i. lxii.

Acheus, v. 274

Acouchi, iii. 94

Acrobata pygmæa, v. 200

Acronotus, v. 361

Acronotine group, iv. 346

Acuti, v. 271

Addax, iv. 193; v. 328

Adimain, iv. 325

Adive, l', ii. 44; v. 146. 149

Ægagre, iv. 23

Ægagrus, iv. 303; v. 357

Ællo, v. 83

Cuvieri, v. 83

Agouara, v. 114

Gouazou, ii. 42; v. 145

Agouarachy, v. 148

Agouti, v. 271

common, iii. 94

à crête, v. 272

des Patagons, iii. 243

Agoutis, iii. 94. 241

Ahu, iv. 122; v. 313. 332

Aï, iii. 253. 271; v. 274

ash-coloured, v. 275

collared, v. 274

spotless, v. 274

yellow-faced, v. 274

Aigocerine group, iv. 175

Cuv. Index.

Aigocerus, v. 324

Aigrette, v. 18

Akko, v. 357

Akoin, v. 336

Akouchy, v. 272

Alactaga, iii. 77. 143

Alb, the great, v. 321

Alce, v. 303

Alcine group, iv. 72

Alco, v. 140

Algazel, iv. 191; v. 327

Alliaire, l', v. 210

Allocamelus, v. 299

Alouatta, i. 349; v. 26

Beelzebut, i. 351

common, i. 222

howling, i. 351

Alouattas, i. 221

Amblotis, ii. 78; v. 206

Amphibia, i. lviii. lxiv. lxxvii.; v. 175

Anabula, v. 321

Anarnack of Gröenland, iv. 464

Andira, ii. 125

guaçu, ii. 9. 125; v. 71

Angingayer, v. 132

Angouan, l', v. 46

Angouya y bigoni, v. 218

Animal Anonyme, v. 152

body, active forces of the, i. 29

body, function and organs of the,

i. 39

body, organic elements of the,

i. 28

B

- Animal kingdom, general distribution of the, i. 60
kingdom, method of the, i. 58
moschiferum, v. 301
- Animals, amphibious, i. lviii.; ii. 55
first class of vertebrated, i. 72
intellectual function of, i. 49
pouched, ii. 61
vertebrated, i. 65
vertebrated into four classes, i. 69
- Anisonys, v. 245
brachyura, v. 245
rufa, v. 245
- Anoa, iv. 293; v. 355
compressicornis, v. 355
depressicornis, iv. 293; v. 355
- Anoema, iii. 93. 234
- Anoine group, iv. 292
- Anoplotherium, iii. 334
- Anseres, i. lxii.
- Anta, iii. 431; v. 294
- Ant-eater, aculeated, iii. 313; v. 284
bear, v. 280
Cape, iii. 296; v. 279
great, v. 280
great American, iii. 299
little, iii. 306; v. 281
little bear, v. 280
maned, v. 280
porcupine, v. 284
two toed, iii. 261; v. 281
- Ant-eaters, iii. 259
scaly, iii. 261
spiny, iii. 263
- Antelope, awl-horned, iv. 253; v. 342
Barbary, iv. 212; v. 332
blue, iv. 20. 176; v. 324
broad-eared, iv. 260; v. 344
broad-hoofed, iv. 204; v. 330
Burchell's, iv. 262; v. 345
bush, iv. 258; v. 344
common, iv. 231; v. 336
cream-coloured, iv. 240; v. 338
des Buissons, v. 344
des Indes, v. 337
dodger, iv. 265; v. 347
Duvaucl's, v. 352
equine, iv. 20. 177
four-horned, iv. 256; v. 343
four-tufted, iv. 261; v. 346
Gambian, iv. 221; v. 334
great-horned, iv. 179
harnessed, iv. 274; v. 351
king, v. 349
long-horned, v. 325
Maxwell's, iv. 267; v. 347
nez taché, v. 330
niou, v. 368
of Honduras, v. 318
- Antelope, of India, iv. 18
Ovine, iv. 289; v. 354
palmated, iv. 172; v. 323
Persian, iv. 210; v. 331
pourprée, v. 330
prong-horned, iv. 170; v. 323
red-necked, iv. 205
ribbed, iv. 275; v. 351
roan, iv. 177; v. 324
Salt's, iv. 271; v. 350
sharp-horned, iv. 252; v. 342
slate-coloured, iv. 268; v. 348
springer, iv. 208; v. 331
striped, v. 366
swift, iv. 206; v. 320
white-faced, iv. 202; v. 329
white-footed, iv. 363; v. 367
wool-bearing, iv. 286; v. 354
- Antelopes, iv. 15
- Antelopine group, iv. 218
- Antes, v. 294
- Antholops, v. 327
- Antilocapra, iv. 167
Americana, v. 323
- Antelope, iv. 15. 162; v. 322. 334
acuticornis, iv. 252; v. 342
addax, iv. 193; v. 328
adenota, iv. 223; v. 335
algasel, v. 328
Americana, v. 354
arundinacea, v. 338
arundinium, v. 338
aurita, v. 325
barbata, iv. 180; v. 325
besoartria, v. 328
besoastica, v. 327
bezoastica, iv. 191
bubalis, iv. 18
Burchellii, iv. 162; v. 345
caama, iv. 18
capreolus, v. 339
cervicapra, iv. 18. 231; v. 336
chickara, iv. 254; v. 343
cœrulea, iv. 268; v. 348
colus, iv. 226; v. 335
cora, iv. 216; v. 333
corinna, iv. 16. 214; v. 333
dama, iv. 20. 206; v. 330. 341
diotragus, v. 342
dorcass, iv. 16. 212; v. 330. 332
dorsata, v. 331
Duvauclii, iv. 279; v. 352
eleotragus, iv. 237; v. 328. 337
equina, iv. 20. 177; v. 324
euchore, iv. 17. 208; v. 331
forfex, iv. 221; v. 334
fulvo rufula, iv. 239; v. 338
furcifer, iv. 170; v. 323
gnu, iv. 22; v. 368

Antilope, goral, iv. 279; v. 352
 grandicornis, iv. 179; v. 325
 grimmia, iv. 266; v. 347
 grisea, iv. 250; v. 341
 gutturosa, iv. 17. 229; v. 336
 lbex, v. 341
 interscapularis, v. 352
 isabellina, iv. 240; v. 338
 kemas, iv. 196; v. 328
 kevella, iv. 16. 213; v. 332
 koba, v. 363
 Lalandiana, v. 338
 lanata, v. 339
 lanigera, iv. 286; v. 354
 leucophaea, iv. 20. 176; v. 324
 leucoryx, iv. 188; v. 326
 madoka, iv. 271; v. 350
 marsupialis, v. 331
 Maxwellii, iv. 267; v. 347
 Mazama, iv. 289; v. 354
 melampus, iv. 219; v. 334
 melanotis, iv. 250; v. 341
 mergens, iv. 264; v. 346
 mytilopes, iv. 204; v. 330
 naso maculata, v. 330
 oreas, iv. 21; v. 365
 oreotragus, iv. 245; v. 340
 oryx, iv. 19. 186; v. 325, 326
 ozanne, v. 325
 palida, iv. 251; v. 342
 pallah, v. 334
 palmata, iv. 172; v. 323
 perpusilla, iv. 269; v. 348
 phalerata, iv. 275; v. 351
 philamtomba, v. 349
 picta, iv. 21; v. 367
 platous, iv. 260; v. 344
 ptoox, iv. 265; v. 347
 pygarga, iv. 202; v. 329. 331
 pygmea, iv. 270; v. 303. 349
 quadricornis, iv. 256; v. 343
 quadriscopa, iv. 261; v. 345
 redunca, iv. 238; v. 338
 reversa, v. 338
 rufescens, iv. 249; v. 341
 ruficollis, iv. 205; v. 331
 rupestris, iv. 248; v. 340
 rupicapra, iv. 22. 281; v. 353
 saiga, iv. 17; v. 336
 Saltatrix, v. 340
 Saltiana, iv. 271
 scoparia, iv. 244; v. 339
 scripta, iv. 274; v. 351
 Senegalensis, v. 363
 silvicultrix, iv. 258; v. 344
 strepsiceros, iv. 21; v. 366
 subgutturosa, iv. 210; v. 331
 subulata, iv. 253; v. 342
 Sumatrensis, iv. 277; v. 352

Antilope, suturosa, iv. 363
 sylvatica, iv. 272; v. 350
 tao, iv. 189; v. 327
 taurina, v. 369
 temmamazama, iv. 291; v. 354
 torticornis, v. 366
 tragulus rupestris, v. 341
 villosa, iv. 241; v. 339
 Anzing Ager, v. 132
 Aotus, v. 35
 trivirgatus, v. 35
 Apra, v. 275
 Ape, Alpinus, v. 19
 Barbary, i. 215. 280; v. 19
 dog-faced, v. 21
 great, v. 5
 long-armed, v. 6
 pygmy, v. 19
 satyr, i. 350
 tufted-tailed, v. 30
 Aper Æthiopicus, v. 289
 Apes, i. 207. 333. 349, 350
 Aperea, v. 271
 Brasiliensis, v. 270
 wild, iii. 234
 Aplocerine group, iv. 285
 Aplocerus, v. 354
 Apodes, i. lxvi.
 Arabata, v. 27
 Araguato, v. 27
 Arctocephale, v. 182
 Arctomys, iii. 80. 166; v. 243
 Africana, v. 242
 Alpina, v. 247
 bobac, v. 244
 brachyura, v. 245
 citillus, v. 246
 empetra, iii. 170; v. 245
 Franklinii, v. 246
 Hoodii, iii. 171
 latrans, v. 248
 Ludoviciana, v. 247
 marmotta, v. 244
 Missouriensis, v. 248
 monax, v. 244
 Parryii, v. 247
 Richardsonii, v. 246
 rufa, v. 245
 tridecimlineata, v. 247
 Woodii, v. 247
 Arctopithecus, i. 225
 Argali, American, iv. 318; v. 359
 Asiatic, iv. 316; v. 359
 bearded, iv. 319; v. 359
 of Siberia, iv. 25
 Armadillo, iii. 255
 Africanus, v. 277
 Brasiliensis, v. 276
 eight-banded, v. 276

- Armadillo, eighteen-banded, v. 278
 giant, iii. 258. 294 ; v. 277
 greatest, v. 277
 Guyanensis, v. 276
 hairy, iii. 292 ; v. 278
 Indicus, v. 276
 Mexicanus, v. 276
 mule, iii. 294 ; v. 276
 nine-banded, iii. 257 ; v. 276
 Orientalis, v. 276
 pig-headed, v. 276
 seven-banded, v. 276
 six-banded, iii. 257 ; v. 278
 three-banded, iii. 256. 294 ; v. 275
 twelve-banded, iii. 257 ; v. 277
 weasel-headed, v. 278
 Arnad, v. 372
 Arnee, iv. 388 ; v. 372
 Artak, v. 359
 Artibeus, v. 84
 Jamaicensis, v. 84
 Arvicola, ii. 66. 109 ; v. 209
 albicaudatus, v. 212
 alliarius, v. 210
 amphibia, v. 209
 amphibia maculata, v. 209
 amphibia nigra, v. 209
 amphibia paludosa, v. 209
 argentoretensis, v. 212
 arvalis, v. 209
 Astracan, v. 214
 Astrachanensis, v. 214
 Egyptian, v. 212
 Floridanus, v. 214
 fulvus, v. 212
 gregalis, v. 211
 hortensis, v. 213
 musk, v. 208
 Niloticus, v. 212
 œconomus, v. 210
 palustris, v. 213
 Pennsylvanica, v. 214
 pumilio, v. 211
 riparius, v. 213
 rutilus, v. 210
 saxatilis, v. 210
 socialis, v. 211
 Strasbourg, v. 212
 xanthognata, v. 213
 yellow, v. 212
 yellow-cheeked, v. 213
 Ascagne, i. 213 ; v. 13
 Ashaary, v. 298
 Ashkokoo, iii. 431 ; v. 293
 Asinus quagga, v. 295
 Aspalax, v. 107. 241
 Ass, iii. 343. 461 ; v. 295
 common, v. 295
 Assapan, v. 259
 Atalapha, v. 98
 Atele coaita de Cayenne, v. 24
 Ateles, i. 222 ; v. 24
 arachnoides, i. 223 ; v. 25
 belzebeth, v. 24
 hypoxanthus, v. 25
 marginatus, i. 223 ; v. 25
 melanochir, v. 25
 niger, v. 24
 paniscus, v. 24
 pentadactylus, i. 222 ; v. 25
 subpentadactylus, v. 25
 Atok, v. 128
 Attarsoak, v. 177
 Attenk, v. 305
 Atys, v. 16
 Auchenia, iv. 5. 50 ; v. 298
 araucana, v. 300
 glama, v. 299
 Huanaca, v. 299
 Huemel, v. 300
 paco, v. 299
 vicugna, v. 300
 Aurochs, iv. 29 ; v. 373
 Aurox, true, v. 376
 Aves, i. lviii. lxii.
 Axine group, iv. 116
 Axis, iv. 12 ; v. 312
 brown porcine, iv. 119 ; v. 312
 dwarf, iv. 120 ; v. 313
 great, v. 310
 spotted, iv. 117
 Aye Aye, iii. 86. 196 ; v. 51.

 BABI ALU, iii. 434
 Babiroussa, iii. 332
 Baboon, i. 349. 351 ; v. 21. 23
 black, v. 26
 brown, i. 290 ; v. 18
 cinereous, v. 22
 common, i. 218
 dog-faced, i. 218 ; v. 21
 dog-tailed, v. 14
 great, v. 21
 grey, v. 21
 Guinea, v. 20
 lion-tailed, v. 16
 little, v. 20
 long-legged, i. 289
 Mandrill, i. 219. 289
 of the woods, i. 219
 Pennant's, v. 23
 pig-faced, v. 20
 pig-tailed, i. 288 ; v. 18
 ribbed-nose, v. 22
 thumbless, v. 23
 variegated, v. 21

- Baboon, wood, v. 22
 yellow, v. 22
 Baboons, i. 214
 Suppl. on the, i. 278
 Babouin, v. 20
 à museau de chien, v. 21
 à longues jambes, v. 19
 Babyroussa, iii. 408; v. 288
 Badger, ii. 269; v. 116
 American, v. 116
 Bougainville's pouched, v. 195
 Cape, v. 292
 common, v. 116
 dog, y. 274
 fat-pouched, v. 195
 hog, ii. 274
 Indian, v. 118
 long-nosed pouched, v. 195
 of Europe, ii. 31
 rock, iii. 429
 Badgers, ii. 30
 Balæna, iv. 440; v. 389
 boops, iv. 443; v. 391
 cœrulescens, v. 391
 gibbar, v. 390
 gibbosa, iv. 498; v. 390
 gibbosa, var., v. 390
 glacialis, iv. 442; v. 390
 Islandica, v. 390
 Japonica, v. 390
 lunulata, v. 390
 maculata, v. 391
 mœra, v. 390
 major, v. 389
 musculus, v. 391
 mysticetus, iv. 441. 491; v. 389
 nigra, v. 391
 nodosa, iv. 498; v. 390
 physalis, iv. 443; v. 391
 punctata, v. 391
 rostrata, iv. 478; v. 391
 tripenni ventre lævi, v. 391
 vulgaris Groenlandica, v. 389
 Balæna, iv. 471
 Balænoptera, v. 390
 Balantia, ii. 70
 orientalis, v. 196
 Baleine à bosses, v. 390
 à museau pointu, v. 391
 à six bosses, v. 390
 bossue, v. 390
 franche, v. 389
 gibbar, v. 391
 nord Caper, v. 390
 noueuse, v. 390
 tampon, v. 390
 Baleinoptera gibbar, v. 391
 with a smooth belly, iv. 443
 Baleinoptera with a wrinkled belly, iv. 443
 Baleinoptere Jubarte, v. 391
 Bangsring, ii. 212; v. 52. 106
 Barbaresque, iii. 83
 Barbastel, v. 97
 Barbastelle, ii. 14. 147
 Barbet, ii. 41; v. 138
 little, v. 138
 grand, v. 138
 Baresing'ha, v. 310
 Baresque, v. 253
 Basset à jambes droites, v. 139
 Bat, Anglicè leaf-nosed, ii. 10
 bearded, ii. 12. 137
 big-eared, v. 98
 black-backed, v. 98
 black-faced, v. 98
 black-shouldered, v. 98
 Blainville's mormoops, v. 74
 blue-winged, v. 98
 Bourbon, ii. 154
 Brazil vespertilio, v. 91
 broad-tailed molossus, v. 62
 Brookes's celæno, v. 83
 brown, ii. 126
 brown-belly, v. 61
 brown-striped, ii. 126
 bull-dog, v. 60
 chestnut, v. 62
 chestnut-coloured molossus, v. 61
 cinnamon, v. 62
 common, ii. 142
 common javelin, ii. 127
 cordated, of Pennant, v. 74
 Cuvier's Aëlo, v. 83
 dark, v. 61
 Daubenton's myopteris, v. 83
 diadem rhinoloph, v. 77
 dilated nyctinome, v. 65
 dog, ii. 110
 dog, of Java, v. 56
 eighth, of Azara, v. 62
 eleventh, of Azara, v. 96
 flat-nosed phyllostome, v. 69
 foliaceous megaderme, v. 75
 fourth, of Azara, v. 71
 great, v. 89
 great-eared, ii. 14. 152
 great horse-shoe, ii. 11
 javelin, ii. 126
 great, of Madagascar, v. 55
 great serotine, v. 91
 great-tailed molossus, v. 62
 guyane molossus, v. 62
 hairy, ii. 155
 Hardwicke's, v. 92
 hare-lipped, ii. 139

- Bat, heart-nosed, ii. 128
 horse-shoe rhinolophus, v. 76
 indented javelin, ii. 10
 indented phyllostome, v. 68
 Jamaica, v. 73
 Jamaica artibeus, v. 84
 javelin, ii. 9; v. 69
 knobbed-tail glossophag. v. 73
 lasiopter, ii. 155
 leaf, of Pennant, v. 72
 lesser horse-shoe, ii. 11; v. 76
 lesser ternate, v. 75
 Lewis's medateus, v. 74
 Lily-leafed phyllostome, v. 71
 long-eared, v. 96
 long-leafed phyllostome, v. 68
 lyre-leafed megaderme, v. 75
 Madagascar, ii. 107
 Monk, v. 98
 netted, v. 98
 New York, ii. 155
 ninth, of Azara, v. 61
 noctule, v. 89
 nycteris, of Java, v. 80
 nyctophilus, of Geoffroy, v. 86
 obscure, ii. 128
 of Carolina, ii. 143
 ordinary, ii. 13
 perforated taphozous, v. 82
 Peruvian, v. 67
 Peruvian, var. β . v. 67
 pit-nosed, v. 77
 pit-nosed rhinoloph, v. 77
 Porto Rico, v. 97
 pouch, v. 82
 proboscis bull-dog, v. 63
 pygmy vespertilio, v. 91
 red bull-dog, v. 68
 reddish, v. 67
 reddish-brown, ii. 126
 Redman's monophyllus, v. 85
 rhinopome, of Carolina, v. 81
 rough-haired nycteris, v. 79
 rough-tailed, ii. 154; v. 90
 round-leaved phyllostome, v. 70
 scotophilus, of Kuhl. v. 84
 second, of Azara, v. 70
 Senegal, ii. 154; v. 90
 serotine, v. 88
 seventh, of Azara, v. 96
 short-eared English, v. 88
 sixth, of Azara, v. 62
 slender-tailed, v. 82
 sloped-eared, ii. 153
 small-leaved rhinopome, v. 80
 smoky bull-dog, v. 63
 sparred, v. 98
 spear-leafed phyllostome, v. 69
 spear-nosed, ii. 9
- Bat, spectacle, ii. 127; v. 69
 spectre, v. 71
 striped, ii. 128; v. 90
 streaked phyllostome, v. 70
 tailed glossophag, v. 73
 tailless diphylla, v. 85
 tailless glossophag, v. 73
 taphozous, of Mauritius, v. 82
 taphozous, of Senegal, v. 81
 Temminck's vespertilio, v. 92
 tenth, of Azara, v. 62
 Ternate, ii. 108
 third, of Azara, v. 70
 tiled, v. 93
 Timor, ii. 154; v. 98
 trident rhinoloph, v. 77
 twelfth, of Azara, v. 96
 ursine bull-dog, v. 63
 vampire, v. 71
 veiled-eared, v. 98
 vespertilio of Isid. St. Hiliere, v. 91
 white-bellied bull-dog, v. 68
- Bathergus, iii. 79. 164; v. 241
 Capensis, v. 242
 Maritimus, v. 242
 Cape, v. 242
 coast, v. 242
- Bats, ii. 3; v. 54
 common, ii. 13
- Bear, Arctic, v. 112
 ash-coloured sea, v. 183
 black, v. 112
 black, of America, ii. 27. 224; v. 112
 black, of Europe, ii. 27. 222; v. 111
 brown, v. 111
 brown, of Europe, ii. 26. 217
 brown, of the Alps, ii. 217
 brown, of Norway, ii. 217
 cinnamon, ii. 229; v. 112
 common, v. 111
 common European, v. 111
 common sea, v. 182
 crowned sea, v. 182
 European black, v. 111
 gray, v. 113
 grisly, ii. 229; v. 112
 honey, ii. 269
 Hudson's Bay, of Brisson, v. 117
 long-lipped, v. 113
 Malay, v. 113
 New Holland, v. 197
 Peron's sea, v. 182
 polar, ii. 232; v. 112
 sea, ii. 59. 509
 Thibet, v. 113
 thick-lipped, ii. 239

- Bear, yellow, v. 112
 yellow, of Carolina, ii. 228
 yellowish sea, v. 183
 white, ii. 28
 Bears, ii. 26
 Beast, great-toothed, ii. 60
 Beaver, iii. 101 ; v. 207
 Canadian, iii. 105
 musk, v. 209
 of France, v. 208
 white, v. 208
 Beejoo, ii. 280
 Beest, bastard wilde, v. 369
 wilde, v. 368
 Beings, of living, i. 11
 organized into animals and ve-
 getables, i. 24
 Belette, v. 121
 des niges, v. 121
 Belluo, i. lx. lxxvii.
 Beluga, iv. 437. 457 ; v. 385
 Belzebuth, Le, v. 24
 Benawi, v. 146
 Bentourong, v. 160
 Berg-haas, iii. 165
 Bhain, v. 372
 Biche de Barallon, v. 318
 des Bois, v. 318
 Bievre, le, v. 208
 Bimana, i. lxxvii. 82 ; v. 3
 Binturong, ii. 417
 Birds, i. lxii.
 Bison, iv. 29. 398 ; v. 373
 American, iv. 401 ; v. 374
 broad-headed fossil, iv. 410
 of America, iv. 29
 Bisontine group, iv. 395
 Bisulca, i. lxxix.
 Blaureau, v. 116
 du Cap, v. 123
 puant, v. 118
 Blanc nez, Le, v. 13
 Blauwbockje, v. 348
 Bleekbock, iv. 251 ; v. 342
 Boar, African, v. 289
 Æthiopian, v. 289
 masked, iii. 407 ; v. 288
 Bobac, iii. 81. 169 ; v. 244
 Bobak, v. 244
 Bock,
 blauw, v. 324
 bless, v. 330
 bos, v. 351
 bosch, v. 350, 351
 ceinse, v. 326
 duiker, iv. 264, 265 ; v. 346
 gemse, v. 353
 grys, v. 341
 kleene, v. 348
 Bock, prouk, v. 331
 riet, v. 337
 riet rhee, v. 339
 spring, v. 331
 steen, v. 340
 stein, v. 356
 vlakcke steen, v. 341
 Boeuf de haut cru, iv. 424
 de nature, iv. 424
 musque, v. 370
 Boggo, i. 219 ; v. 21
 Bokkol, iii. 187 ; v. 256
 Bondar, v. 155
 Bonnet-chinois, v. 17
 Bos, iv. 28. 376 ; v. 370
 Americanus, iv. 29. 401 ; v. 374
 arnee, v. 372
 arni, iv. 388
 bison, iv. 29. 398 ; v. 373
 bombifrons, iv. 410
 bubalis, iv. 31. 392 ; v. 372
 caffer, iv. 31. 384 ; v. 371
 gaurus, iv. 399 ; v. 373
 gavæus, iv. 406 ; v. 375
 grunniens, iv. 30 ; v. 375
 latifrons, iv. 410
 moschatus, iv. 31 ; v. 370
 pegasus, iv. 386 ; v. 371
 poëphagus, iv. 404 ; v. 374
 scoticus, v. 376
 sylhetanus, v. 375
 taurus, iv. 28. 418 ; v. 376
 urus, iv. 29. 414 ; v. 376
 urus scoticus, iv. 417
 Boschbock, iv. 272 ; v. 350
 Boselaphine group, iv. 354
 Boselaphus, v. 364
 Bouquetin, iv. 24 ; v. 356
 de Nepal, v. 353
 Bovidæ, v. 367
 Bradypoda, i. lxxv.
 Bradypus, iii. 252. 266 ; v. 274
 didactylus, iii. 254. 275 ; v. 275
 torquatus, iii. 277
 tridactylus, iii. 258. 271 ; v. 274
 ursinus, iii. 254 ; v. 113
 with a collar, iii. 277
 Branchiostegi, i. lxvi.
 Braque, v. 139
 de Bengal, v. 139
 Brocket, apara, iv. 141 ; v. 318
 bira, iv. 142 ; v. 319
 pita, iv. 140 ; v. 318
 Brouorong, ii. 239
 Bruno, ii. 71 ; v. 197
 Bruta, i. lx.
 Bubale, v. 362
 Bubaline group, iv. 378
 Bubalis, iv. 18. 347 ; v. 362

- Bubalis of the ancients, iv. 18
 Bubalus, v. 371
 Bucher Abiad, El, v. 328
 Buffalo, iv. 29; v. 374
 Cape, iv. 30. 384; v. 371
 domestic, iv. 392; v. 372
 with horse's-tail, iv. 30
 Buffle, v. 372
 Buflus, v. 372
 Buga, v. 308
 Bukrus, v. 327
 Bulan, v. 304
 Bull, wild, v. 376
 Busan, v. 372
 Butskopf, iv. 459; v. 384
 Buwol, v. 372

 CAAMA, iv. 18. 348; v. 362
 Cabasson, iii. 257
 deuxième, iii. 258
 Cabaya, v. 271
 Cabiai, iii. 93; v. 270
 Cabiais, iii. 93
 Cabree, v. 323
 Cacajao, i. 318; v. 37
 Cachalot, d'Anderson, v. 384
 grand, v. 388
 macrocephale, v. 388
 microps, v. 388
 svinewal, iv. 469
 trumpo, iv. 468
 cylindrical, iv. 469
 furrowed, v. 389
 great-headed, v. 388
 small-eyed, v. 388
 Cachalots, iv. 439. 464
 Cachicame, iii. 257; v. 276
 Cælogenus, iii. 95. 247; v. 273
 fulous, v. 273
 subniger, v. 273
 Cagui minor, v. 38
 Caimiri, v. 33
 Calf, sea, v. 176
 Callithrix, i. 339. 348; v. 33
 amictus, v. 33
 capucinus, v. 32
 incanescens, v. 34
 infulatus, v. 34
 lugens, v. 33
 melanochir, v. 31
 molocho, v. 34
 personata, v. 33
 sciureus, v. 33
 torquatus, v. 34
 Callitriche, v. 14
 jeune, v. 14
 Callitrix, i. 212. 263
 collared, v. 34
 Calocephale, v. 176

 Calocephale discolor, v. 177
 Cambing, Ootan, iv. 277; v. 352
 Cambtan, v. 352
 Camel, Arabian, iv. 49; v. 298
 bactrian, iv. 48; v. 297
 with one bunch, iv. 5
 with two bunches, iv. 5
 Camelidæ, v. 297
 Camelopardalis, iv. 14; v. 321
 giraffa, iv. 15. 150; v. 321
 Camels, iv. 3. 37
 Camelus, iv. 3. 37; v. 297
 Arabia, v. 298
 araucanus, v. 300
 Bactriæ, v. 298
 Bactrianus, iv. 5. 48; v. 297
 Dromedarius, iv. 5. 49; v. 298
 glama, v. 299
 huanaco, v. 299
 huanacus, iv. 55; v. 299
 Indicus, v. 321
 laniger, v. 300
 Llama, iv. 6. 53
 paco, iv. 157; v. 299
 vicugna, iv. 6. 58; v. 300
 Campagnol, iii. 68. v.
 doré, v. 211
 economic, iii. 112
 Florida, v. 214
 garden, v. 213
 marsh, v. 213
 meadow, iii. 68
 of Pennsylvania, v. 214
 roux, v. 211
 volant, v. 80
 Campagnols, iii. 66. 109
 Campagnon, v. 211
 Caniche, v. 138
 Canis, ii. 39. 317; v. 133
 Ægyptiacus, v. 150
 alopex, ii. 43. 364; v. 147
 Anglicus, ii. 339
 antarcticus, v. 145
 anthus, ii. 339; v. 147
 aquaticus, ii. 334
 aquaticus, aviarius, v. 138
 argentatus, ii. 368; v. 148
 aureus, ii. 42; v. 145
 avicularius, ii. 335
 barbarus, v. 146
 brevipilis, ii. 333
 carnivorus, v. 145
 cerdo, ii. 45; v. 152
 cinereo argentatus, ii. 44. 365;
 v. 148
 corsac, ii. 44; v. 149
 crocuta, ii. 49; v. 162
 crucigera, v. 147

- Canis culpeus*, v. 145
 decussatus, ii. 370; v. 149
 domesticus, ii. 330
 extrarius, ii. 332
 familiaris, ii. 40; v. 133
 Ægyptius, v. 143
 Americanus, v. 140
 Andalusia, v. 143
 Anglicus, v. 141
 aquaticus, v. 138
 Australasia, v. 134
 avicularius, v. 139
 Bengalensis, v. 139
 Borealis, v. 140
 Britannicus, v. 142
 Danicus, v. 135
 domesticus, v. 139
 extrarius, v. 136
 fricator, v. 142
 Gallicus, v. 138
 Graius, v. 135
 hybridus, v. 142
 Islandicus, v. 142
 lanarius, v. 134
 leoninus, v. 137
 minor, v. 138
 Molossus, v. 141
 Pomeranus, v. 140
 Sibiricus, v. 140
 Sumatrensis, v. 134
 variegatus, v. 142
 vertagus, v. 139
 fulvus, v. 150
 Graius, ii. 328
 hyæna, ii. 49; v. 161
 hyænomelas, v. 161
 jubatus, v. 144
 karagan, v. 149
 lagopus, ii. 44. 370; v. 148
 lanarius, ii. 328
 leoninus, ii. 334
 lupus, ii. 41; v. 144
 Lycaon, ii. 42; v. 144
 Lycaon, var. v. 148
 Americana, v. 144
 megalotis, ii. 372; v. 152
 mesomelas, ii. 45. 371; v. 146
 Mexicanus, ii. 42; v. 145
 Molossus, ii. 336
 Niloticus, ii. 365; v. 130
 pantherinus, v. 139
 pictus, v. 151
 pomeranus, ii. 331
 sagax, ii. 334
 Sibiricus, ii. 331
 thous, v. 145
 tricolor, v. 151
 velong, v. 150
 vertagus, ii. 336
 Canis virginianus, v. 150
 volans maxima aurito, v. 71
 vulpes, ii. 43; v. 147
 zerda, v. 152
 Canna, iv. 21. 337; v. 365
 Capistrata, iii. 178; v. 253
 Capiygoua, iii. 93
 Capparo, v. 26
 Capra, iv. 23. 294; v. 355
 ægagrus, iv. 23. 303; v. 357
 Ammon, v. 359
 Caucasica, iv. 25. 302; 357
 depressa, iv. 310
 hircus, iv. 24. 305; v. 357
 Ibex, iv. 24. 300; v. 356
 Jaela, iv. 301; 355
 Jemlahica, iv. 308; v. 358
 merga, v. 346
 moschi, v. 301
 rupicapra, v. 353
 sylvestris Africana, v. 347
 Caprea, v. 314
 Capreoline group, iv. 121
 Capreolus, v. 313
 dorcas, v. 314
 Capricerv paseng, v. 357
 Capridæ, v. 322
 Caprine group, iv. 155
 Capuchin of the Orinoco, i. 316.
 Capucin de l'Orinoque, v. 36
 Capward, v. 270
 Capybara, iii. 93. 232; v. 270
 Brasiliensibus, v. 270
 Capygona, v. 270
 Cara, rayada, v. 35
 Caracal, ii. 54. 490; v. 173
 à longue queue, v. 173
 of Algiers, v. 173
 of Bengal, v. 173
 of Nubia, v. 173
 Caraya, i. 222. 301; v. 28
 Carcajou, ii. 274; v. 116
 Cariacou, v. 317
 Cariblanco, v. 32
 Caribou des Bois, iv. 83; v. 305
 great, v. 305
 Labrador, v. 305
 Polar, v. 305
 Carigueia, ii. 63. v. 187
 Cariquebein, v. 118
 Carnassiers, ii. 1. 53
 first family of the, ii. 2.
 suppl. to the, ii. 79
 Carnivora, i. lxxvii.; ii. 23; v. 111
 Suppl. to the, ii. 217
 Carpon, v. 223
 Caruiri, v. 38
 Castor, iii. 63. 101; v. 207
 fiber, iii. 64; v. 207

- Castor moschatus*, ii. 185; v. 105
 of Canada, iii. 64
zibethicus, iii. 67. v. 208
Cat, *Angora*, ii. 489; v. 173
 Bisaam, ii. 46
 black, ii. 486
 black-footed, v. 172
 brinded, ii. 489
 Cape, v. 170
 Cape, of Forster, ii. 46; v. 170
 chartreuse, ii. 489; v. 172
 common, ii. 54. 487
 common, wild, v. 172
 Diard's Java, v. 171
 domestic, ii. 489; v. 172
 Javan, ii. 482
 liver-coloured, v. 166
 mountain, v. 175
 nègre, ii. 486
 New Spain, v. 173
 Pageros, ii. 486; v. 170
 Pampa, ii. 486; v. 170
 pendant-eared, ii. 489
 pennich, v. 299
 Pensa, ii. 489
 Persian, ii. 489
 red, of Tobolsk, ii. 489
 Spanish, v. 172
 tiger, ii. 481
 tiger, of Collinson, v. 175
 tortoiseshell, ii. 487
 waved, v. 171
 wild, v. 172
Catin, v. 375
Catoblepas, iv. 366; v. 367
 Brooksii, iv. 372; v. 369
 gnu, iv. 367; v. 368
 gorgon, iv. 371; v. 369
 taurina, iv. 369; v. 368
Catodon, v. 388
 macrocephalus, iv. 468
Cats, ii. 49
 flying, ii. 14
Caudrieu, v. 382
Cavia, iii. 93
 acuchi, iii. 94
 acuschy, v. 272
 aguti, iii. 94; v. 271
 aperea, v. 271
 capensis, v. 292
 capybara, iii. 93; v. 270
 cobai Brasiliensibus, v. 271
 cobaia, v. 270
 cristata, v. 272
 Hudsonicus, v. 263
 paca, iii. 95
 Patachonica, v. 272
 subniger, iii. 247
Cavicornian family, iv. 154
Cavy, *bristly*, v. 293
 capybara, v. 270
 long-nosed, v. 271
 olive, v. 272
 Patagonian, iii. 243; v. 272
 restless, v. 271
 rock, v. 271
 variegated, v. 271
Cayopollin, ii. 65; iii. 32; v. 188
Cazoure, v. 280
Cebus, i. 221. 339. 349; v. 28
 albifrons, v. 31
 albus, v. 29
 apella, v. 28
 apella, var. v. 30
 barbatus, v. 29
 capucinus, v. 32
 cirrifer, v. 32
 fatuellus, v. 31
 flavus, v. 30
 frontatus, v. 29
 fulvus, v. 30
 griseus, v. 29
 hypoleucus, v. 32
 lunatus, v. 31
 moloch, v. 34
 niger, v. 30
 robustus, v. 28
 satanus, v. 35
 trepidus, v. 30
 variegatus, v. 30
 xanthosternos, v. 31
Celæno, v. 83
 Brooksiana, v. 83
Centenes, ii. 21; v. 109
 semispinosus, v. 109
 setosus, v. 109
 spinosus, v. 109
Cephalophus, v. 344
Cephalopine group, iv. 258
Cephalote, *Pallas's*, v. 59
 Peron's, ii. 6; v. 59
Cephalotes, ii. 112; v. 59
Cercocebus, v. 14
 æthiops, v. 16
 atys, v. 16
 cynocephalus, v. 18
 cynomolgos, v. 18
 cynosurus, v. 14
 fuliginosus, v. 15
 griseo viridis, v. 15
 pygerythræus, v. 15
 radiatus, v. 17
 Sabæus, v. 14
 Sinicus, v. 17
Cercopithecus, ii. 29; v. 115
Cercopithecus, i. 210. 339. 348; v. 11.
 20
 Æthiopicus, i. 261

Cercopithecus, albocinereus, v. 14

auritus, i. 277; v. 11

barbatus, i. 212

cephus, v. 12

Diana, v. 13

entellus, v. 10

fuliginosus, i. 261

griseo viridis, v. 15

larvatus, v. 9

latibarbatus, i. 277; v. 11

maurus, v. 9

mona, v. 12

nasica, i. 350

nictitans, v. 12

niger, v. 13. 23

petaurista, v. 13

pileatus, v. 12

pygerythæus, v. 15

ruber, v. 13

Sabæus, v. 14

talapoin, v. 11

Zeylonicus, v. 48

Cercou, iv. 446*Cerf*, v. 308

blanc, v. 317

Bois de, trouvés à Etampes, v. 306

cochon, v. 313

couronné, v. 304

d'Abbeville, v. 307

d'Etampes, v. 306

de la Louissane, v. 315

de Virginie, v. 315

Cerigon, ii. 63*Cervula parvula Africana*, v. 349*Cervidæ*, v. 300*Cervo camelus*, v. 299*Cervus*, iv. 66; v. 303

alces, iv. 9. 72; v. 303

Americanus, iv. 104; v. 309

Aristotle's, v. 310

aureus, iv. 148; v. 320

auritus, v. 308

axis, iv. 12. 117; v. 312

bifurcatus, v. 323

campestris, iv. 136; v. 317

Canadensis, iv. 12. 96; v. 308

capreolus, iv. 13. 124; v. 314

clavatus, v. 315

coronatus, iv. 78; v. 304

dama, iv. 10. 84; v. 306

elaphus, iv. 11. 90; v. 307

equinus, iv. 112; v. 311

giganteus, iv. 87; v. 306

Grænländicus, v. 305

guetardi, v. 305

hamatus, iv. 172; v. 323

Hibernus, iv. 87; v. 306

Cervus hippelaphus, iv. 105; v. 309. 311

leucogaster, v. 317

macrotis, iv. 133; v. 316

macrourus, iv. 134; v. 316

major, v. 308

Mariannus, iv. 115; v. 311

Mazath Chichiltic, v. 355

Mexicanus, v. 315

mirabilis, v. 305

moschatus, iv. 149; v. 320

muntjac, iv. 3. 144; v. 319

nemoralis, iv. 137; v. 317

nemorivagus, iv. 142; v. 319

occidentalis, iv. 101; v. 308

palæodama, iv. 89; v. 307

palmatius, v. 305

paludosus, v. 316

Peronii, iv. 114; v. 311

Philippensis, iv. 147; v. 319

porcinus, iv. 119; v. 312

pumilio, iv. 120; v. 313

pygarga, iv. 13. 122; v. 313

ramosicornis, v. 315

rangifer, v. 305

rufus, iv. 140; v. 318

simplicicornis, iv. 141; v. 318

somonensis, iv. 89; v. 307

strongyloceros, iv. 12. 96; v. 308

subcornutus, iv. 148; v. 320

tarandus, iv. 9. 79; v. 304

unicolor, iv. 108; v. 310

vaginalis, v. 319

Virginianus, iv. 12. 127; v. 314

Wallichii, iv. 103; v. 309

Cetacea, i. lxxvii.; iv. 429; v. 376

common, iv. 432; v. 380

herbivorous, iv. 430; v. 377

large-headed, v. 387

Suppl. to the, iv. 445

Cete, i. lx.; v. 380*Chacal*, ii. 350; v. 145

of Senegal, ii. 354; v. 147

Chackal, Le, v. 146*Chacma*, v. 20*Chacuro*, v. 38*Chælopus*, iii. 275; v. 275*Chameau*, v. 298

du Perou, v. 299

Chameck, i. 222; v. 25*Chamois*, iv. 22. 281; v. 353

Cape, iv. 19

Persian, v. 353

Chat bizaam, v. 154

cervier, v. 174

marin, v. 182

pageros, v. 170

pampa, v. 170

- Chat pard, v. 167
 sauvage, v. 172
 sauvage à bandes noires des Indes, v. 155
 sauvage Indien, v. 171
 Chati, ii. 480; v. 169
 Chauve souris, v. 88
 souris, autre, v. 80
 souris d'Egypte, v. 81
 souris de la Vallée d'Ylo, v. 67
 souris étrangère, v. 90
 Cheirogaleus, i. 230; v. 50
 large, v. 50
 medius, v. 50
 minor, v. 50
 Cheiromales, v. 66
 torquatus, v. 66
 collared, v. 66
 Cheiromys, iii. 86. 196; v. 51
 Daubentonii, v. 51
 Madagascariensis, v. 51
 Cheironectes, ii. 66; iii. 34; v. 191
 Memina, v. 191
 Yapock, iii. 35; v. 191
 Cheiroptera, i. lxxvi. lxxvii; ii. 2; v. 53
 Suppl. to the, ii. 84
 Cheloniscus, v. 276
 Chetah, ii. 470; v. 166
 Chèvre cossus, iv. 310
 Imbrebe, iv. 310
 Chevreuil, v. 314
 de Tartarie, v. 313.
 des Indes, v. 319
 Chevrotain à peau marqué, de taches blanches, v. 302
 de Guinée, v. 349
 de Java, v. 302
 Chibi-gouazou, v. 167
 Chichiltic, iv. 291; v. 354
 Chickara, iv. 254; v. 354
 Chien, v. 133
 Burgos, v. 139
 canard, v. 138
 courant, v. 138
 crabier, v. 141
 d'Alicante, v. 143
 d'Artois, v. 143
 de Berger, v. 140
 de Cayenne, v. 143
 d'Islande, v. 142
 des Bois de Cayenne, v. 145
 des Esquimaux, v. 140
 dogue de forte race, v. 141
 griffon, v. 138
 Islois, v. 143
 lillois, v. 143
 lion, v. 137
 loup, v. 140
 Chien quatre vingts, v. 143
 roquet, v. 142
 turd, v. 143
 turd à crinière, v. 144
 volant, v. 55. 57
 Chlamyphorus, v. 283
 truncatus, v. 283
 Chloromys, iii. 94. 241; v. 271
 Choak kama, v. 20
 Chondropterygii, i. lxvi.
 Choras, i. 219; v. 21
 Choro, v. 27
 Chorock, ii. 291; v. 122
 Chrysochlore, ii. 192
 Cape, ii. 192; v. 107
 of the Cape, ii. 30
 Chrysochloris, ii. 20; v. 107
 Capensis, v. 107
 Chuva, v. 25
 Cirquineou, v. 275
 Cirquirisa, iii. 257
 Citillus, v. 246
 Civet, ii. 46. 379; v. 152
 de Malacca, ii. 46
 Civets, ii. 45
 Civetta, v. 153
 Civette, v. 153
 de Java, petite, v. 155
 de Malacca, v. 154
 Chadobates ferruginea, v. 52. 160
 Coagga, iii. 464
 Coaita, i. 223; v. 24
 à ventre blanc, v. 25
 black, v. 24
 black handed, v. 25
 fawn-coloured, i. 223
 white-bellied, i. 223
 with bordered face, i. 223
 Coala, v. 205
 Coasse, v. 127
 Coati, v. 115
 brown, ii. 29; v. 115
 Mondi, v. 115
 red, ii. 29. 253; v. 114
 roux, v. 115
 Coatis, ii. 29. 253
 Cobaya, iii. 234; v. 270
 Cobayas, iii. 93
 Cochon d'Eau, v. 270
 d'Inde, v. 271
 de Terre, v. 279
 Coëndou, v. 263
 à longue queue, v. 264
 Coesdoes, v. 366
 Cogong, v. 369
 Coleoptera, i. lxxvii.
 Collier, Le, v. 217
 Colobus, v. 7.

- Colobus ferrugineus*, v. 8
 polycornus, v. 7
 Temminck's, v. 8
Colocolo, ii. 479; v. 169
Colour, varieties in, i. 155
Colugo, v. 99
 flying, v. 99
 Ternate, v. 99
 varied, v. 99
Colus, v. 356
 of Strabo, iv. 17
Condoma, v. 366
Condylura, ii. 23. 208; v. 110
 cristata, v. 110
 longicaudata, v. 110
Condylure, long-tailed, v. 110
 radiated, v. 110
Conepate, v. 127, 128
Conepatl, v. 127, 128
Coney, v. 266
 hedge, v. 266
 small Indian, v. 271
Coquallin, v. 253
Coquo, iv. 327
Cora, iv. 216; v. 333
Corine, v. 333
Corinne, iv. 16. 214; v. 333
Corsac, ii. 44; v. 149
Coscoes, v. 196
Cottie, v. 273
Cotting, iv. 340
Couagga, iii. 344; v. 295
Couassou, v. 318
Coudin, v. 382
Coudoma, iv. 21
Coudou, v. 365
Coudous, iv. 21
Couendou, iii. 208; v. 263
Cougoua, v. 163
Cougouar, v. 163
Couguar, ii. 52
Coui, v. 264
Couiy of Azara, v. 263
Couxio, i. 318; v. 35
Cow, Barbary, iv. 18
 grunting, iv. 30
 mountain, v. 294
 sea, ii. 60; iv. 431; v. 378
Coypus, iii. 124; v. 222
Crab-eater, ii. 65
Crabier, v. 187
Cricetus, iii. 75. 134; v. 233
 anomalus, v. 236
 arenarius, v. 234
 bursarius, v. 235
 furunculus, v. 235
 laniger, v. 235
 migratorius, v. 233
 phaeus, v. 234
 songarus, v. 234
 vulgaris, v. 233
Croque noix, v. 221
Cuaikare, v. 274
Cuchumbi, ii. 265
Cuendu, iii. 88
Cuetlachtile, v. 145
Cuguaçarana, ii. 436
Culblanc, v. 359
Culpeu, v. 145
Cuniculus, v. 266
 Americanus, v. 271
 Bahamensis, v. 244
 Brasiliensibus, v. 271
 Indicus, v. 271
 Norwegicus, v. 215
 paca, v. 273
Cuscus Amboinensis, v. 196
Cynocephala, i. 217
Cynocephalus, i. 217. 348. 351; v. 19,
 20, 21
 Babouin, v. 20
 Hamadryas, v. 21
 leucophaeus, v. 22
 mormon, v. 21
 papio, v. 20
 porcarius, v. 20
 Wurmbii, v. 5
Cynopterus marginatus, v. 58

DAIM, v. 306
 d'une grande taille, v. 307
Dama, iv. 20; v. 306
 fossil of Abbeville, v. 307
 fossil of Ireland, v. 306
 fossil of Scania, v. 307
 vulgaris, v. 306
Damalis, iv. 343; v. 361
 bubalis, iv. 347; v. 362
 caama, iv. 348; v. 362
 canna, iv. 357; v. 365
 collared, iv. 350; v. 362
 lunata, iv. 352; v. 363
 oreas, iv. 355; v. 364
 risia, iv. 363; v. 366
 Senegalensis, iv. 351; v. 363
 strepsiceros, iv. 359; v. 365
 suturosa, iv. 351; v. 362
Daman, iii. 337; v. 236. 292
 Israel, v. 293
Danois, v. 135
 le petit, v. 142
Danta, v. 294. 327
Dasyprocta, iii. 94. 241; v. 271
 acuschy, v. 272
 acuti, v. 271

- Dasyprocta cristata*, v. 272
 Patagonica, v. 272
 viscacha, v. 272
Dasypus, iii. 255. 283; v. 266. 275
 apar, v. 275
 dasycerus, v. 277
 duodecimcinctus, v. 277
 flavipes, v. 278
 giganteus, v. 277
 gigas, iii. 258; v. 277
 hybridus, v. 276
 maximus, v. 277
 minutus, v. 279
 novemcinctus, iii. 257; v. 276
 octocinctus, iii. 259; v. 276
 octodecimcinctus, iii. 257; v. 278
 peba, v. 276
 quadricinctus, v. 276
 septemcinctus, iii. 257; v. 276
 serratus, v. 276
 sexcinctus, iii. 257; v. 278
 tatouay, v. 277
 trachyurus, v. 276
 tricinctus, iii. 256; v. 276
 unicinctus, iii. 257; v. 277
 villosus, v. 278
Dasyuri, ii. 66
Dasyure de White, v. 193
 dwarf, v. 194
 gutte, v. 193
 nain, v. 194
 of Maugé, v. 193
 tacheté, v. 193
Dasyurus, ii. 66; iii. 36; v. 192
 brush-tailed, ii. 68
 cynocephalus, v. 195
 dog-faced, iii. 36; v. 192
 dog-headed, ii. 67
 dwarf, ii. 68
 long-tailed, ii. 67
 macrourus, ii. 67; v. 193
 Maugei, v. 193
 minimus, v. 194
 of Maugé, ii. 68
 of White, ii. 68
 pencilled, ii. 68
 penicillatus, v. 194
 rough, ii. 67
 spotted, v. 193
 tafa, v. 194
 ursine, iii. 37; v. 192
 ursinus, v. 192
 viverrine, v. 193
 zebrine, iii. 36
Dauphin à bec mince, v. 383
 beluga, v. 386
 butskopf, v. 386
Dauphin de Commerson, v. 385
 de Geoffroy, v. 383
 de Peron, v. 384
 epaulard, v. 384
 épée, de Mer, v. 384
 gris, v. 385
 leucoramphe, v. 384
 marsouin, v. 383
Dauw, iii. 468; v. 296
Deab, v. 146
Deba, v. 321
Dedes, v. 153
Deer, iv. 66
 black-tailed, v. 316
 Cariacou, iv. 137; v. 317
 common hog, v. 312
 fallow, iv. 10. 84; v. 306. 315
 fossil fallow, of Abbeville, iv. 89
 fossil rein, iv. 84; v. 305
 fossil Scanian fallow, iv. 89
 great-eared, iv. 133; v. 316
 Guazupuco, iv. 134; v. 316
 Guazuti, iv. 136; v. 317
 hog, v. 288
 jumping, v. 317
 long-tailed, iv. 134; v. 316
 Mexican, iv. 130; v. 315
 moose, iv. 9; v. 304
 mule, v. 308. 316
 musk, of Nepaul, v. 321
 North American rein, iv. 83
 porcine, v. 313
 red, v. 308
 rein, iv. 9. 79; v. 304
 rib-faced, v. 319
 Virginian, iv. 127; v. 315
 with a large tail, v. 316
Degu of Molina, v. 221
Delphinaptera, iv. 436
Delphinapteri, iv. 457
Delphinapterus, v. 385
 beluga, v. 386
Delphinus, iv. 434; v. 380
 albicans, v. 386
 anarsak, v. 386
 Bertini, v. 383
 Boryi, v. 383
 Butskopf, v. 386
 Canadensis, v. 383
 Chemnitzianus, v. 386
 Commersonii, v. 384
 Dalius, v. 383
 Delphis, iv. 434. 450; v. 381
 edentulus, v. 386
 epiodon, v. 386
 feres, iv. 457; v. 383
 frontatus, iv. 457; v. 383
 gladiator, iv. 436. 455; v. 384

- Delphinus globiceps, v. 385
 grampus, v. 384
 griseus, v. 385
 Hunteri, v. 386
 hyperoodon, v. 386
 Leucas, iv. 437. 457; v. 385
 maximus, v. 384
 Mongitori, v. 383
 nesarnak, iv. 456; v. 382
 niger, v. 382
 orca, iv. 436. 455; v. 383, 384
 Peronii, v. 384
 phocæna, iv. 436; v. 383
 pinna in dorso nulla, v. 386
 Rissoanus, v. 385
 rostratus, iv. 435; v. 382
 Sinensis, v. 383
 tursio, iv. 435; v. 382
 ventricosus, v. 385
 Delundung, ii. 419
 Desman, ii. 185; v. 105
 of Russia, ii. 18. 189
 of the Pyrenees, ii. 190; v. 105
 Desmans, ii. 18
 Deva deve, v. 298
 Devil of the Colonist, v. 193
 Dhole, ii. 326
 Diane, la, v. 13
 Dib, v. 146
 Dicotyles, iii. 333; v. 289
 labiatus, iii. 334. 413; v. 290
 torquatus, iii. 334. 412; v. 289
 Diceranocerine group, iv. 167
 Diceranocerus, v. 322
 Didelphis, ii. 63; v. 185
 Asiatica, v. 204
 Azara, v. 186
 brachyura, ii. 66; iii. 30; v. 190
 Brunii, ii. 76; v. 204
 cancrivora, ii. 65; iii. 30; v. 187
 carcinophaga, v. 187
 cayopollin, ii. 65; v. 190
 cinerea, v. 188
 crassicaudata, v. 189
 cynocephala, ii. 67; v. 192
 dorsigera, ii. 65; v. 189
 gigantea, ii. 75; v. 202
 lanigera, v. 190
 lemurina, ii. 71; v. 197
 macrotrasis, v. 50
 macroura, ii. 72; iii. 45; v. 199
 marina, ii. 66
 marsupialis, ii. 65; iii. 30; v. 187
 muneira, iii. 32
 murina, v. 188
 myosurus, v. 189
 nudicaudata, v. 189
 obesula, v. 195
 Didelphis opossum, ii. 65; iii. 31; v. 187
 orientalis, ii. 71; v. 196
 palmata, ii. 66; iii. 35; v. 191
 penicillata, ii. 68; v. 194
 peregrinus, v. 197
 petaurus, iii. 44; v. 199
 philander, ii. 65; v. 188
 pusilla, v. 191
 pygmea, ii. 72; iii. 44; v. 200
 Quica, v. 187
 sciurea, v. 200
 Sebæ, v. 190
 tricolor, iii. 33; v. 190
 ursina, ii. 67. 78; v. 193
 Virginiana, ii. 64; iii. 24; v. 186
 viverrina, ii. 68; v. 193
 vulpina, ii. 71; iii. 41; v. 197
 Yapock, v. 191
 Digitigrades, ii. 33. 282; v. 119
 Dikaja kosa, v. 313
 Dilundung, v. 160
 Dingo, ii. 326; v. 134
 Diphylla, v. 84
 ecaudatus, v. 85
 Dipus, iii. 76; v. 236
 Alagtaga, v. 237
 brachyurus, iii. 149; v. 237
 Cafer, iii. 80. 164; v. 243
 Canadensis, v. 240
 gerbillus, v. 240
 gerboa, v. 236
 jaculus, v. 237
 jaculus var minor, v. 237
 maximus, iii. 151; v. 238
 minimus, v. 237
 minutus, v. 237
 pyramidum, iii. 153; v. 240
 sagitta, v. 236
 tamaricinus, v. 239
 Dishon, v. 359
 Ditylus, v. 298
 Dog, v. 133
 Albanian, ii. 327
 Alicant, v. 143
 Artois, ii. 338; v. 143
 Australasian, v. 134
 Barbary, v. 143
 bull, ii. 41. 336; v. 141
 bull, black var. of Thibet, v. 141
 Calabrian, v. 137
 Ceylonese, of Pennant, v. 151
 Dalmatian, v. 135
 Danish, ii. 40; v. 135
 domestic, ii. 40
 drover's, v. 140
 Egyptian, v. 143
 Esquimaux, ii. 332; v. 140

- Dog, French shepherd's, v. 140
 German, ii. 338
 great Danish, ii. 328 ; v. 135
 hyæna, ii. 376
 Iceland, ii. 338 ; v. 142
 king Charles', ii. 333
 lion, ii. 334 ; v. 137
 little Danish, ii. 338 ; v. 142
 Maltese, ii. 334 ; v. 137
 naked, ii. 338
 Newfoundland, ii. 333
 New Holland, ii. 326
 North American, ii. 326
 Peruvian, v. 141
 Pomeranian, ii. 331
 Prairie, iii. 198 ; v. 248
 pug, ii. 337 ; v. 142
 sea, v. 176
 shepherd's, ii. 41. 330 ; v. 139
 shock, ii. 41 ; v. 142
 Siberian, ii. 331 ; v. 140
 spotted, v. 135
 Surinam, v. 145
 Turkish, ii. 338
 turnspit, ii. 336
 water, v. 138
 wild, ii. 376
 wild, of the East Indies, ii. 326
 wolf, ii. 41. 331 ; v. 140
- Dogs, ii. 39. 317
 Dogue, le, v. 141
 Doguin, le, v. 142
 Dolichotes vischacha, v. 272
 Dolichura, iv. 330
 Dolphin, black, v. 382
 Commerson's, v. 384
 common, iv. 434. 450 ; v. 381
 fronted, v. 383
 great, iv. 435 ; v. 382
 of Commerson, iv. 457
 of Honfleur, v. 386
 of Peron, iv. 457 ; v. 384
 round-headed, v. 385
 slender-beaked, iv. 435 ; v. 382
- Dolphins, iv. 434. 450
 Dorcas, v. 332
 Dormice, iii. 71 ; v. 219. 221
 African, v. 221
 common, iii. 122 ; v. 220
 fat, iii. 118 ; v. 220
 garden, iii. 122 ; v. 220
 gilt-tailed, v. 218
 greater, v. 220
 murine, v. 221
- Douc, i. 214. 276 ; v. 8, 9
 Douroucouli, i. 313 ; v. 35
 Dril, v. 22
 Dromédaire, v. 298
 Dreron, iv. 17 ; v. 336
- Dugong, iv. 432. 446 ; v. 379
 of the Indian Sea, v. 379
- Duns, Suffolk, iv. 423
 Dysopes, ii. 7 ; v. 86
 mops, v. 86
- Dzeren, iv. 17. 229 ; v. 336
- Dziggetai, iii. 342. 459
 Dziggtai, v. 295
- ECHIDNA, iii. 263. 314 ; v. 283
 bristly, v. 284
 hystrix, iii. 264 ; v. 284
 setosa, iii. 264 ; v. 284
 spiny, v. 284
 bristly, iii. 264
 spiny, iii. 264
- Echidnes, iii. 263
- Echimys, iii. 70. 117 ; v. 217
 bristly, v. 219
 Cayenne, v. 219
 chrysurus, v. 218
 cristatus, v. 218
 dactylinus, v. 218
 d'Egypte, v. 233
 didelphoides, v. 219
 gilt-tailed, v. 218
 hispidus, v. 219
 long-toed, v. 218
 perchal, v. 232
 red, iii. 71. 117 ; v. 218
 rough-haired, v. 219
 setosus, v. 219
 spinosus, v. 218
 with a golden tail, iii. 70
- Ecureil à masque, v. 253
 blanc de Siam, v. 252
 de la côte de Malabar, grand, v. 250
 de Madagascar, v. 250
 éclatant, v. 260
 rouge, v. 254
 toupays, v. 257
 volant de Sibérie, v. 259
- Edentata, i. lxxvii ; iii. 251 ; v. 273
 common, iii. 255
 suppl. to the, iii. 266
- Effodientia, i. lxxix.
- Egin, v. 298
- Egret, i. 216
- Einhorn, v. 387
- Eira, ii. 486
- El Bucher el Achmer, v. 325
 walrush, v. 327
- Elan, iv. 9. 12 ; v. 303
- Eland, bastard, v. 365
 Gazelle, v. 365
- Elant, v. 311
- Elaphine group, iv. 90

- Elaphocamelas, v. 299
 Elaphus, v. 307
 Elch, v. 304
 Elements, combination of chemical, i. 28
 Elend, iv. 9; v. 304
 Elephant, iii. 325
 African, iii. 327. 349; v. 286
 Anson's sea, v. 180
 Asiatic, iii. 346
 Byron's sea, v. 181
 Indian, iii. 326; v. 286
 Patagonian sea, v. 180
 sea, ii. 58; v. 180. 184
 Elephas, iii. 325; v. 285
 Africanus, iii. 327; v. 286
 Capensis, v. 286
 Indicus, iii. 326; 286
 maximus, v. 286
 Elk, iv. 9. 12. 72; v. 303. 308. 310
 American, v. 308
 Cape, iv. 12
 crowned, iv. 78; v. 304
 fossil, iv. 87; v. 309
 fossil, of Ireland, v. 306
 Irish, v. 306
 round-horned, v. 308
 Emmema, iv. 326
 Engalo, v. 289
 Empabunga, v. 325
 Empacasse, v. 372
 Empaguessa, v. 372
 Empalanga, v. 325
 Empalunga, v. 325
 Ena, v. 337
 Encoubert, iii. 257; v. 278
 Engalo, v. 289
 Engry, v. 331
 Enhydra, v. 132
 marina, v. 132
 Entelle, v. 10
 Entellus, i. 210. 259. v. 10
 Epaulard, v. 384
 Equus, iii. 340; v. 294
 asinus, iii. 343. 461; v. 295
 bisulus, iv. 53; v. 303
 Brasiliensis, v. 296
 caballus, iii. 341. 439; v. 294
 Hemionus, iii. 342. 459; v. 295
 Hemionus, Dziggai dictus, v. 295
 manius, v. 185
 montanus, iii. 467; v. 296
 quaccha, iii. 344. 464
 quagga, iii. 464; v. 295
 zebra, iii. 343. 465; v. 295
 Erethizon, v. 263
 Buffonii, v. 263
 dorsatum, v. 263
- Erinaceus, ii. 61. 162; v. 100
 auritus, ii. 16. 162; v. 101
 ecanthurus, v. 109
 ecaudatus, ii. 21; v. 109
 Europæus, ii. 16. 168; v. 100
 inauris, ii. 171; v. 101
 Malaccensis, ii. 170
 semispinosus, ii. 21; v. 109
 setosus, ii. 21. 207; v. 109
 Sibericus, ii. 171; v. 101
 tanrec, v. 109
 Ermine, ii. 35; v. 122
 Eteocles semispinosus, v. 110
 Eucritus, v. 263
 Euryceros, v. 306
 Exquima, i. 212; v. 13
 Eyra, v. 171
- FEGOULE, le, v. 210
 Felander, v. 204
 Felis, ii. 49. 421; v. 162
 aurata, v. 206
 borealis, v. 206
 caligata, v. 206
 Canadensis, ii. 53; v. 174
 Capensis, v. 167. 170. 206
 caracal, ii. 54. 490; v. 173.
 206
 catenata, ii. 478; v. 168
 catus, ii. 54; v. 172
 catus Angorensis, v. 172
 catus cæruleus, v. 172
 catus ferus, v. 172
 catus Hispanicus, v. 172
 maculatus, v. 172
 celidogaster, v. 206
 cervaria, v. 206
 chalybeata, ii. 473; v. 166.
 175
 chatii, v. 169
 chaus, ii. 54. 491; v. 173. 206
 chibi gouazou, v. 167
 colocolo, v. 169
 concolor, ii. 436; v. 163
 Diardi, ii. 484; v. 171
 discolor, ii. 52
 eyra, v. 171
 guttata, v. 166. 175
 Lybicus, v. 173
 jaguar, v. 164
 jaguarondi, ii. 54
 jaquaramdi, v. 206
 Javanensis, v. 170
 jubata, ii. 52. 470; v. 166
 leo, ii. 50; v. 162. 206
 leopardus, ii. 52; v. 165. 206
 lynx, ii. 53; v. 174
 macrocelis, v. 206

- Felis macroura*, ii. 478; v. 168. 206
 maniculata, v. 206
 manul, v. 175
 margay, v. 169
 melas, ii. 53
 microcelis, v. 164
 mitis, v. 168. 206
 nebulosa, ii. 453; v. 164
 nigra, v. 171
 nigripes, ii. 489; v. 172
 obscura, v. 171
 ocelot, ii. 475; v. 168
 onça, ii. 51; v. 164. 206
 pageros, v. 170
 pardalis, ii. 53; v. 167. 206
 pardus, ii. 51; v. 165. 206
 pardus antiquorum, v. 165
 (*Prionota*) *gracilis*, v. 160
 puma, v. 206
 rufa, ii. 53; v. 174. 206
 serval, ii. 54. 481; v. 167. 206
 Sumatrana, ii. 484; v. 171
 tigrina, ii. 482; v. 206
 tigris, ii. 50; v. 163. 206
 varia, v. 175
 uncia, ii. 469; v. 166
 undata, v. 171
 venatica, v. 166
 volans ternatea, v. 100
 Wiedii, v. 169
 Yagouaroundi, v. 170
Fennec, i. 332; ii. 45. 372; v. 152
 Bruce's, v. 152
 Laland's, v. 151
Fennecus Brucii, v. 152
Fer à cheval, grand, v. 76
Fer de lance, ii. 9; v. 69
 grand, ii. 127; v. 70
Ferret, ii. 34. 287; v. 120
 Java, v. 121
 Javanese, ii. 288
Feuille, La, v. 73. 75
Fiber, iii. 66; v. 208
 zibethicus, v. 208
Finnfisch, iv. 443
Fisch, fin, v. 391
 Jupiter, v. 391
 Knoten, v. 390
 Sword, v. 384
Fishtall, v. 360
Flacuatzin, v. 263
Fledermaus, *blasse*, v. 88
 speck, v. 88
Foadh, v. 161
Foca a ventre bianco, v. 179
Fossane, ii. 390; v. 154
 of *Madagascar*, ii. 47
Fouin, v. 123
Fouine, ii. 36; v. 124
Fouine de la Guyane, v. 117
Foutereau, ii. 37
Fox, v. 147
 American cross, v. 149
 Antarctic, v. 145
 Arctic, ii. 370; v. 148
 Bengal, v. 151
 black, ii. 44
 blue, ii. 44
 Brant, v. 147
 Cape, ii. 45. 371
 Chili, v. 145
 coal, ii. 43
 common, ii. 43. 371
 Corsac, v. 149
 cross, ii. 43. 370; v. 149
 Egyptian, v. 150
 fulvous-necked, v. 148
 grey, v. 148. 150
 Karagan, v. 149
 red, v. 150
 red, of Bartram, v. 151
 silver, v. 148
 silvery, ii. 44. 368
 small yellow, ii. 44
 sooty, v. 151
 tri-coloured, ii. 44. 365; v. 148
 variable, ii. 371
 Virginian, v. 150
Foxes, ii. 43. 361
Furet, v. 117. 120
Furunculus myoides, v. 235

GALAGO, v. 48. 50
 crassicaudatus, i. 230; v. 49
 Demidoffii, v. 49
 Demidoff's, i. 230; v. 49
 Geoffroyii, v. 49
 grand, v. 49
 great, i. 230; v. 49
 Guiniensis, v. 49
 little, v. 48
 Madagascariensis, v. 48
 murinus, i. 332
 of *Madagascar*, i. 332
 of *Senegal*, i. 332; v. 49
 Senegalensis, i. 230; v. 49.
 Ternatensis, v. 99
 variegatus, v. 99
 with a tufted tail, i. 332
Galagos, i. 229. 330
Galeopithecii, ii. 14
Galeopithecus, ii. 14. 156; v. 99
 red, ii. 158
 rufus, v. 99
 varied, ii. 158
 variegatus, v. 99
Galeopitheque rous, v. 99

- Galera, ii. 278; v. 117. 126. 157
 Gaour, v. 374
 Garangan, ii. 398
 Gasella, v. 329
 Gauchoi, v. 310
 Gaur, iv. 399; v. 373
 Gauvera, v. 375
 Gauzen, v. 310
 Gaw dashti, v. 375
 Gawzan, v. 367
 Gayal, iv. 406; v. 375
 Gazel, v. 332
 Gazelle, iv. 16; v. 332
 pouched, iv. 17
 Gazelline group, iv. 200
 Geldowesi, v. 298
 Gemel gemel, v. 298
 Genet, v. 154
 var., v. 154
 banded, v. 155
 common, ii. 46
 hyaena, ii. 390
 Indian, v. 155
 of Barbary, ii. 387
 of the Cape, ii. 46
 Genets, ii. 46. 387
 Genetta, ii. 46; v. 153
 bondar, v. 155
 fasciata, v. 155
 fossa, v. 154
 Geoffroyi, v. 154
 Indica, v. 155
 vulgaris, v. 154
 Genette, v. 154
 de France, v. 154. 159
 du Cap, v. 154
 Geoffroy's, v. 154
 Geomys, v. 235
 cinereus, v. 235
 Georychus, iii. 68; v. 242
 Gerbil, Canadian, v. 240
 Egyptian, v. 240
 Indian, v. 239
 Labrador, v. 240
 Tamarisk, v. 239
 Torrid, v. 239
 Gerbillus, iii. 153; v. 238
 Ægyptius, iii. 158; v. 240
 Canadensis, v. 240
 conurus, v. 241
 Daviesii, v. 240
 Hudsonius, v. 241
 Indicus, iii. 156; v. 239
 Labradorius, v. 240
 megalops, v. 241
 Meridianus, iii. 157; v. 239
 of Canada, iii. 159
 soricinus, iii. 159; v. 241
 tamaricinus, v. 239
 Gerbo, iii. 143; v. 236
 Gerboa, iii. 77. 140; v. 236
 African, iii. 157
 brachyura, iii. 149
 Canadian, iii. 159
 great, iii. 151
 little, iii. 149
 major, v. 243
 tamarisk, iii. 155
 woolly, v. 50
 Gerboise, v. 236
 Gibbar, iv. 443; v. 390
 Gibbon, i. 258; v. 5
 active, i. 258; v. 7
 agilis, i. 258
 ash-coloured, i. 209. 254
 black, i. 208
 cendré, v. 6
 little, v. 6
 ounko, v. 7
 petit, v. 6
 silvery, i. 209
 Giraffa, iv. 14. 150; v. 321
 camelopardalis, v. 321
 Giraffe, v. 321
 Giraffidæ, v. 321
 Girafra, v. 321
 Giudol, iii. 434
 Glires, i. lx. lxxvi.
 Glis, v. 220
 æconomicus, v. 234
 citillus, v. 246
 cricetus, v. 233
 lagurus, v. 216
 marmotta, v. 244
 marmotta argentoratisensis, v. 233
 monax, v. 244
 moschiferus, ii. 186; v. 244
 Polonica, v. 244
 Tscherkensis, v. 248
 Zumui, v. 241
 Glisorex, v. 106
 Glossophaga, v. 72
 amplexicaudata, v. 73
 caudifer, v. 73
 ecaudata, v. 73
 soricina, v. 72
 Gluton, v. 117
 marpurito, v. 128
 Gluttons, ii. 31
 Glutton, v. 117
 common, ii. 276
 ferruginous, ii. 282; v. 119
 Labrador, v. 118
 masked, ii. 281; v. 119
 Gnou, iv. 367; v. 368
 brindled, iv. 371; v. 369
 Gnou, iv. 22

- Gnouroumy, v. 280
 Goat, Angora, iv. 307
 beardless, iv. 310
 blue, iv. 20
 bush, v. 344
 Cachemire, iv. 307
 cossus, iv. 310
 domestic, iv. 315
 dwarf, iv. 306
 Egyptian, iv. 308
 Jemlah, iv. 308; v. 358
 Jueda long-haired, iv. 306
 Nepaul, iv. 307
 Persian, iv. 306
 short-horned, iv. 306
 Syrian long-haired, iv. 307
 Tartar, iv. 307
 Thibet, iv. 307
 Welsh, iv. 306
 Widah, iv. 306
 wild, iv. 23
 yellow, iv. 17; v. 336
 Goats, iv. 23
 Goazoupouco, v. 317
 Goazouti, v. 317
 Gona, v. 310
 Gor, v. 374
 Goral, iv. 279; v. 352
 Gouazouara, v. 163
 Gouazoubira, v. 319
 Gouazu Pita, v. 318
 Gozen, v. 310
 Grampus, iv. 436. 455; v. 384
 Greber, le, v. 102
 Gregari, le, v. 211
 Greyhound, ii. 41; v. 135
 common, ii. 328
 Irish, ii. 328; v. 136
 Italian, ii. 330; v. 136
 Russian, ii. 330; v. 136
 Scotch, ii. 330; v. 136
 Turkish, ii. 330; v. 136
 Griffon, v. 138
 Grimee, v. 347
 Grimm, iv. 266; v. 347
 Gris, Petit, iii. 83; v. 254
 Grisfuch, der, v. 148
 Grison, ii. 32. 277; v. 117
 Grisset, v. 47
 Grivet, i. 265; v. 15
 Grumm seler, v. 181
 Grysbock, iv. 250
 Guanaco, iv. 6. 55; v. 299
 Guanque, v. 214
 Guariba, i. 222. 301; v. 27
 Guazu Apará, v. 318
 Guazuara, ii. 436
 Guenon, i. 348. 350
 à camail, v. 8
 Guenon à face allongée, v. 20
 à face pourpré, v. 11
 à long nez, v. 9
 à long nez proéminent, v. 13
 autre, v. 8
 Chinese bonnet, i. 216
 couronné, v. 12
 crowned, i. 216
 golden, i. 277; v. 11
 long-nosed, i. 350
 negre, v. 10
 Guenons, i. 210. 259
 Guerlinguet, le grand, v. 256
 le petit, v. 256
 little, v. 256
 Guerlinguets, iii. 84
 Guepard, ii. 52. 470
 Guevei, iv. 270; v. 349
 kaior, v. 349
 Guib, le, v. 351
 Gulo, ii. 31. 275; v. 116
 barbatus, v. 117
 castaneus, ii. 282
 ferrugineus, v. 119
 larvatus, ii. 281; v. 119
 marpurito, v. 127
 orientalis, ii. 280; v. 118
 ratel, v. 118
 Quitensis, v. 118. 127, 128
 vittatus, v. 117
 vulgaris, v. 117
 wolverene, v. 117
 Gyraffa, v. 321
 HAGRI, Le, v. 233
 Halicore, iv. 432; v. 379
 Indicus, v. 379
 Halmaturus, ii. 74
 Brunii, v. 204
 fasciatus, v. 203
 gigantea, v. 202
 Halychærus griseus, v. 178
 Hamster, anomalous, iii. 139; v. 236
 Astracan, v. 234
 Baraba, v. 235
 Canada, v. 235
 Chinchilla, v. 235
 common, iii. 75; v. 233
 sand, v. 234
 Songar, v. 234
 Yaik, v. 233
 Hamsters, iii. 75. 134
 Hapales jaccus, v. 38
 rosalia, v. 42
 Hapales, i. 225; v. 38
 Hardvark, v. 279
 Hare, v. 265
 African, iii. 91

- Hare, Alpine, iii. 222; v. 265. 269
 American, v. 266
 Baikal, v. 266
 Brazilian, iii. 221; v. 267
 calling, v. 269
 Cape, v. 267
 common, iii. 89. 213; v. 265
 leaping, iii. 165; v. 243
 mountain, iii. 165
 Ogotona, v. 269
 Patagonian, v. 272
 snowy, v. 265
 spurious, v. 265
 variable, iii. 90. 219; v. 265
 varying, v. 265
 Virginian, v. 265
 Hares, iii. 88
 Harpygia, v. 59
 Harrier, v. 138
 Hartebeest, v. 362
 Harts, king of the, v. 349
 Head and brain, character of, i. 105
 Hedgehog, ii. 162
 American, v. 101
 common, ii. 16; v. 100
 dog, ii. 169
 earless, ii. 171; v. 101
 long-eared, ii. 16. 168; v. 101
 Malacca, v. 101
 of America, ii. 171
 of Siberia, ii. 171
 pendant-eared, v. 101
 swine, ii. 169
 with pendant ear, ii. 170
 Hedgehogs, ii. 16
 Madagascar, ii. 206
 Helamys, iii. 80
 Cafer, iii. 164; v. 243
 marmot, v. 243
 Heliodorus, v. 321
 Hepoona koo, v. 199
 Hermine, P, v. 122
 Herisson, ii. 162; v. 101
 d'Egypte, v. 101
 pourceau, ii. 169
 Herpestes, ii. 47
 Edwardsii, v. 157
 galera, v. 157
 griseus, v. 157
 Mungo, v. 156
 Pharonis, v. 156
 Heteromys, v. 236
 Hippelaphus, v. 309. 310
 Hippopotamus, iii. 329. 397; v. 286
 amphibious, v. 287
 Capensis, v. 287
 ecaudatus, v. 270
 Senegalensis, v. 287
 terrestris, v. 293
 Hippotigre, v. 296
 Hirsch, v. 308
 Histrix chrysurus, v. 218
 pilosus, v. 263
 Hoang yang, iv. 17; v. 336
 Hocheur, i. 213; v. 13
 Hog, v. 287
 black race with short limbs, iii. 405
 English race, iii. 404
 ground, v. 245. 279
 race of France, iii. 405
 race of Jutland, iii. 405
 race of Poland, iii. 405
 race of Russia, iii. 405
 race of Zealand, iii. 405
 race with a single toe, iii. 405
 river, v. 270
 stag, iii. 332
 wild, iii. 331
 Hoitzslaquatzin, iii. 88; v. 263
 Homo, v. 3
 lar, v. 6
 nocturnus, v. 250
 sapiens, v. 3
 sylvestris, i. 238; v. 4
 troglodytes, i. 250; v. 4
 Horse, iii. 340; iv. 434; v. 294
 Arabian, iii. 447
 sea, ii. 60; iv. 431
 Horses, Barbary, iii. 452
 Dutch, iii. 455
 English, iii. 456
 of France, iii. 455
 of Germany, iii. 454
 of Italy, iii. 453
 of Switzerland, iii. 455
 Persian, iii. 451
 Spanish, iii. 453
 Tartar, iii. 450
 Turkish, iii. 452
 Hound, ii. 41. 334
 Howler, brown, i. 222
 red-handed, v. 28
 Huemel, iv. 53; v. 300
 Huitfisch, v. 386
 Human face and form, var. of the, i. 163
 species, causes of varieties of the, v. 174
 species, general observations on the varieties of the, i. 183
 Human species, var. of the, i. 96
 Hyæna, ii. 48. 404; v. 161. 162
 Abyssinian, v. 161
 Capensis, v. 162
 crocuta, v. 161
 painted, ii. 376; v. 151
 picta, v. 151

- Hyæna*, spotted, ii. 49. 406; v. 161
 striped, ii. 49. 408; v. 161
 vulgaris, v. 161
Hyænas, ii. 48
Hydrochærus, iii. 93. 232; v. 270
 capybara, v. 270
 tapir, v. 270
Hydromys, iii. 72. 124; v. 222
 chrysogaster, iii. 72. 124; v. 222
 coypus, v. 222
 leucogaster, iii. 72; v. 222
 white-bellied, v. 222
 yellow-bellied, v. 222
Hylobates, v. 5
 agilis, v. 7
 lar, v. 5
 leuciscus, v. 6
 syndactylus, v. 6
 variegatus, v. 6
Hyperoodon, v. 386
Hyperoodontes, iv. 437. 459
Hypexanthus, mustache, v. 98
Hypexodon, v. 98
Hypsiprymnus, ii. 73
 murinus, v. 201
Hypudæus, iii. 67
Hyrax, iii. 337; v. 292
 Cape, iii. 430; v. 292
 Capensis, iii. 338; v. 292
 South African, iii. 430
 Syriacus, iii. 338; v. 293
 Syrian, iii. 431; v. 293
Hystrix, iii. 87. 200; v. 261
 aculeis apparentibus caudâ brevi, v. 263
 Americanus major, v. 264
 chrysuros, v. 70
 couiy, v. 263
 cristata, iii. 87; v. 261
 cuandu, v. 263
 dorsata, iii. 88. 206; v. 262
 fasciculata, iii. 88. 207; v. 262
 Hudsonicus, v. 263
 longicauda, v. 262
 macroura, v. 262
 orientalis, v. 262
 prehensilis, iii. 88. 208; v. 263
 spinosa, v. 264
 villosa, v. 264

IBEC, v. 314
Ibex, iv. 24. 300; v. 356
 Abyssinian, iv. 301; v. 356
 Alpium Sibiricarum, v. 356
 Caucasian, iv. 25. 302; v. 357
 Siberian, v. 356

Ichneumon, ii. 47. 392; v. 156
 Caffarian, v. 157
 Edward's, v. 157
 Indian, v. 156
 Javanese, v. 157
 large, v. 158
 major, v. 158
 red, v. 158
Ictides, v. 159
 albifrons, v. 159
 white-fronted, v. 159
Ignavus archopithecus, v. 274
Impatoo, v. 321
Impoofu, iv. 355
Indri, v. 43
 Macaucu, v. 43
Indris, i. 228; v. 43
 brevicaudatus, v. 43
 laniger, v. 44
 longicaudatus, v. 44
Insectivora, ii. 15; v. 100
 suppl. to the, ii. 161
Irabubos, v. 270
Isates, v. 149
Isatis, ii. 44; v. 149
Isodon, iii. 40; v. 195
Istiophorus, v. 71
Iyyol, v. 310

JAAL, v. 357
Jabartes, v. 391
Jacchus, v. 38
 albifrons, v. 42
 argentatus, v. 40
 auritus, v. 39
 black-tailed, v. 40
 chrysomelas, v. 41
 great-eared, v. 39
 humeralifer, v. 39
 labiatus, v. 41
 leoninus, v. 42
 leucocephalus, v. 39
 melanurus, v. 40
 penicillatus, v. 39
 rosalia, v. 42
 rufimanus, v. 40
 tufted, v. 39
 ursulus, v. 41
 vulgaris, v. 38
 white-headed, v. 39
 white-shouldered, v. 39
Jachmur, v. 327
Jackal, ii. 42; v. 145
 Barbary, v. 146
 Cape, v. 146
 Senegal, v. 147
Jaela, v. 357
Jaguar, ii. 51. 452; v. 164

Jaguar, of Buffon, v. 166
 Jaguarondi, ii. 54
 Jairou, v. 332
 Jaquarete pope, v. 164
 Jaqueparel, v. 146
 Jaru, v. 314
 Jelen, v. 308
 Jeralang, iii. 179; v. 251
 Jerboa, iii. 76. 140. 143; v. 236
 Cape, iii. 164; v. 243
 great, v. 238
 Siberian, v. 237
 striped, v. 237
 Jerna, v. 314
 Jevraschka, v. 246
 J'hongnuah, v. 375
 Jirataka, v. 321
 Jird, le, v. 239
 Jocko, i. 238; v. 5
 Jubarta, iv. 443; v. 391
 Juscha, v. 305

KABARGA, v. 301
 Kabasson, v. 277
 Kadischi, iii. 448
 Kahau, i. 213. 276
 Kaidon, v. 295
 Kalong, v. 54
 Kalou, ii. 104
 Kanchil, iv. 64; v. 302
 Kangaroo, v. 202
 banded, v. 203
 elegant, ii. 76; v. 203
 Eugene's, v. 203
 giant, v. 202
 gigantic, ii. 75; iii. 47
 gray, v. 202
 Labillardiere's, v. 203
 large, v. 201
 Le Brun's, v. 204
 lesser, v. 201
 mountain, v. 204
 of Aroé, ii. 76
 red, v. 202
 red-necked, ii. 75; v. 203
 smoked, ii. 75
 sooty, v. 202
 tufted-tailed, v. 204
 with moustaches, ii. 75
 woolly, iii. 49; v. 204

Kanguroos, ii. 74
 Kangurus, v. 201
 bicolor, v. 204
 Brunii, v. 204
 Eugenii, v. 203
 fasciatus, v. 203
 fuliginosus, v. 202
 Gaimardi, v. 201

Kangurus griseus, v. 202
 labiatus, v. 201
 lanosus, v. 202
 penicillatus, v. 204
 ruficollis, v. 203
 rufogriseus, v. 202
 rufus, v. 202
 Kechubu, iii. 194; v. 260
 Kemas, v. 328
 Kevel, iv. 16. 213; v. 332
 Kijang, iv. 144; v. 319
 Kinkajou, ii. 262; v. 115
 Kinkajous, ii. 29
 Kiodote, ii. 108; v. 58
 Kirivoula, ii. 153; v. 90
 Kistu, v. 304
 Klap, v. 179
 migoson, v. 179
 Kleenebock, iv. 269
 Klipdaas, v. 292
 Klipspringer, iv. 245; v. 340
 Knouk, ii. 482
 Koala, v. 205
 Koalas, ii. 76; iii. 50
 Kob, iv. 223; v. 335
 Koba, iv. 351
 Kochlani, iii. 449
 Kokoon, v. 369
 Koodoo, iv. 359; v. 365
 Korin, v. 333
 Korooko, v. 325
 Korsaki, v. 149
 Kosa Dikaja, v. 314
 Koupara, v. 145
 Kuwuk of Java, v. 170
 Kyloe, iv. 423

LACERTUS Indicus squamosus, v. 282
 squamosus peregrinus, v. 282

Lagomys, iii. 91. 222; v. 268
 Alpinus, v. 269
 dwarf, iii. 92
 grey, iii. 92
 ogotona, v. 269
 pica, iii. 92; v. 269
 pusillus, v. 269

Lagothrix, v. 26
 canus, v. 26
 Humboldtii, v. 26

Lagure, le, v. 26

Lama, iv. 6. 53; v. 299

Lamantin, iv. 431; v. 377

American, v. 378
 des Antilles, grand, v. 378
 du Kamtschatka, grand, v. 380
 du Sénégal, v. 379
 of America, iv. 445
 of Senegal, iv. 446; v. 378

- Lamantin of the North, iv. 448
 Lamantins, iv. 445
 Lamas, iv. 5. 50
 Landak, v. 262
 Language, difference of, i. 170
 Lapin de Sibérie, v. 267
 Larog, v. 256
 Lary, iii. 187
 Lasiopyga, v. 8
 nemæus, v. 9
 Lawack, v. 159
 Lemmar, v. 215
 Lemming, iii. 69; v. 215
 land, v. 217
 Hudson's Bay, iii. 69
 ringed, v. 217
 talpine, v. 216
 Zokor, v. 215
 Lemmings, iii. 68. 114
 Lemmus, v. 215
 albicaudatus, v. 212
 aspalax, v. 215
 fulvus, v. 212
 hare-tailed, v. 216
 Hudsonius, v. 216
 lagurus, v. 216
 Niloticus, v. 212
 novaboracensis, v. 215
 talpinus, v. 216
 talpoides, v. 215
 terrestris, v. 217
 torquatus, v. 217
 vittatus, v. 215
 Xanthognathus, v. 213
 Lemur, v. 43
 albifrons, i. 228. 270; v. 46
 ashy, v. 47
 black, v. 45
 black and red, v. 44
 black-fronted, v. 46
 catta, i. 228; v. 44
 cinereus, v. 47
 collared, v. 46
 dwarf, i. 322
 flocky, v. 44
 fulvus, v. 45
 galago, i. 332; v. 49
 gracilis, i. 229
 indri, v. 43
 laniger, v. 44
 little, v. 48
 long-fingered, iii. 196; v. 51
 loris, v. 47
 Macaco, i. 228; v. 45
 minutus, v. 49
 mongoz, i. 228; v. 45
 murinus, i. 323. 332; v. 48
 niger, v. 45
 nigrifrons, v. 47
 Lemur potto, i. 230; v. 49
 psilodactylus, iii. 196; v. 51
 pusillus, v. 48
 red, i. 228. 324; v. 46
 ring-tailed, v. 44
 ruber, i. 228; v. 44
 ruffed, v. 44
 rufus, v. 46
 slow, i. 330; v. 47
 slow paced, v. 48
 spectrum, i. 230; v. 50
 tardigradus, i. 229. 330; v. 47
 tarsier, v. 50
 volans, ii. 15. 156; v. 99
 white-forehead, i. 325
 white-fronted, i. 270; v. 46
 white-handed, v. 45
 whitish, v. 50
 Lemurs, i. 227
 suppl. to the, i. 321
 Leo marinus, v. 184
 Leontico, v. 42
 Leopard, ii. 52. 459; v. 165
 Cape, v. 175
 hunting, ii. 470; v. 166
 maned hunting, v. 166
 maneless hunting, v. 166
 Lepus, iii. 90. 210; v. 264
 Ægyptius, v. 267
 Africanus, v. 267
 albus, v. 265
 Alpinus, iii. 92; v. 269
 Americanus, iii. 91; v. 267
 Brasiliensis, v. 267
 Capensis, iii. 91; v. 267
 cuniculus, iii. 90; v. 266
 Dauricus, v. 267
 ecaudatus, iii. 221; v. 268
 glacialis, v. 265
 Hudsonius, v. 267
 hybridus, iii. 221; v. 265
 nanus, iii. 91; v. 267
 nigricollis, v. 268
 ogotona, v. 269
 pusillus, iii. 92. 227; v. 269
 saxatilis, v. 268
 tapeti, v. 268
 timidus, iii. 89; v. 265
 tolai, v. 266
 variabilis, iii. 90; v. 265
 Virginianus, v. 265
 viscaccia, v. 268
 Lepusculus, v. 266
 Lerot, iii. 71. 122; v. 220
 with golden tail, iii. 70 v. 218
 Lerwee, v. 360
 Lesang, v. 160
 Leucoryx, v. 327
 Lévrier, v. 135

- Lézard de Clusius, v. 282
 écaillé, v. 282
 Lichanotus, i. 228; v. 43
 indri, v. 43
 laniger, v. 44
 niger, v. 43
 Lièvre d'Afrique, v. 267
 des roches, v. 268
 du Grœnlandon, v. 265
 pampa, v. 272
 tapeti, v. 268
 Lion, ii. 50. 428; v. 162
 African, v. 163
 American, ii. 52; v. 163
 Asiatic, v. 163
 crested sea, v. 179
 sea, ii. 507; v. 180. 184
 sea, of Anson, ii. 58
 sea, of Cox's Island, v. 181
 sea, of Forster, ii. 509
 sea, of Steller, ii. 59
 tiger cubs, ii. 448
 Lipurus cinereus, v. 205
 Lizard, scaly, v. 282
 Loir, iii. 71. 118
 Loncheres, iii. 70. 117
 chrysurus, v. 218
 myosurus, v. 218
 paleacea, v. 219
 rufa, v. 218
 Loret volant, v. 81
 Lori, i. 330
 Loris, i. 229; v. 47
 Ceylon, v. 48
 Ceylonicus, v. 47
 du Bengale, v. 48
 gracilis, v. 47
 Javanese, v. 48
 paresseux, v. 47
 slender, i. 229; v. 47
 slow, i. 229
 Loro of Java, v. 75
 Lorvo assee, ii. 110
 Los, v. 304
 Loup, v. 144
 cervier, v. 174
 marin, v. 180
 noir, v. 144
 peint, v. 151
 rouge, v. 145
 Lout, v. 327
 Loutre de Canada, v. 130
 de Kamtschatka, v. 133
 de la Guyane, petit, v. 192
 Lowo assu, v. 56
 churat of Java, v. 65
 manir, v. 93
 Lupus, v. 144
 aureus, v. 146
 Cuv. *Index*.
 Lupus Indicus, v. 145
 Lutra, ii. 38; v. 129
 Barang, v. 132
 Brasiliana, v. 130
 Brasiliensis, ii. 314; v. 130
 Canadensis, v. 130
 enudris, v. 131
 insularis, v. 131
 inunguis, v. 131
 lataxina, v. 131
 leptonix, ii. 315; v. 132
 maculata, v. 130
 marina, v. 132
 memina, ii. 66; iii. 35; v. 191
 minor, v. 122
 nair, v. 131
 vison, ii. 296
 vittata, v. 117
 vulgaris, v. 129
 Loutre, le, v. 130
 Lycaon, v. 151
 Burchel's, v. 151
 tricolor, v. 151
 Lynx, v. 174
 American, ii. 53
 booted, ii. 54. 491; v. 173
 Canada, ii. 53; v. 174
 cat, v. 174
 common, ii. 53
 du Canada, v. 174
 fasciatus, v. 174
 fox, v. 174
 montanus, v. 175
 of Barbary, ii. 490
 of the ancients, v. 173
 of the marshes, ii. 54. 491
 red, v. 174
 United States, ii. 494
 wolf, v. 174
 Lynxes, ii. 490
 Lyre, ii. 11.
 MACACA, i. 351
 Inuus, i. 351
 Macacus, v. 16
 cynomolgus, v. 17
 Indicus, v. 19
 radiatus, v. 17
 silenus, v. 16
 Sinicus, v. 17
 Macaque, i. 348. 350, 351; v. 18, 19
 à crinière, v. 16
 à queue courte, v. 18
 magot, i. 351
 maimon, v. 18
 maned, i. 216
 of Buffon, i. 216
 ordinaire, v. 18
 Orion, v. 19
 E

- Macaque, short-tailed, i. 289
 toque, v. 172
 Macaques, i. 215
 Macaudo, v. 45
 black, v. 45
 flying, v. 99
 little, i. 332
 loris, v. 47
 ring-tailed, v. 45
 woolly, v. 45
 yellow, ii. 269
 Machlis, v. 306
 Macroglossus, v. 56
 Macrorrhina, v. 180
 Macrorrhine, v. 180
 Macropus, ii. 74
 elegans, ii. 76; iii. 49
 giganteus, v. 202
 lanigerus, iii. 49; v. 204
 major, ii. 75
 minor, ii. 74; iii. 46; v. 201
 ruficollis, v. 203
 rufogriseus, v. 202
 Madoka, v. 350
 Mafutiliqui, v. 127
 Magot, i. 215. 348; v. 19
 Magots, i. 215
 Mahairy, v. 298
 Maimon, i. 217. 288; v. 22
 Majot, i. 280
 Maki, v. 47
 à bourse, v. 44
 aux pieds blancs, v. 46
 aux pieds fauves, v. 46
 d'Augouan, v. 46
 fauve, v. 44
 nain, i. 322
 petit, v. 47
 roux, v. 44. 46
 Makis, i. 227
 Malanou bourrou, ii. 104; v. 54
 Malbrouc, i. 212; v. 14
 Mammalia, i. lviii. 72. 205; v. 2
 division of the class into orders,
 i. 77
 Man, i. 82
 American, var. v. 3
 Caucasian, var. v. 3
 differences between, and other
 animals, i. 205
 food of, i. 130
 Malay, var. v. 3
 Negro, var. v. 3
 of the woods, v. 5
 peculiar conformation of, i. 82
 suppl. history of, i. 103
 Manati, v. 377
 phocæ genus, v. 378
 trichechus, v. 184
 Manati, whale-tailed, v. 380
 Manatis, iv. 431. 445
 Manatus, iv. 431; v. 377. 380
 Americanus, iv. 445. 448; v. 378
 Senegalensis, v. 378
 Manaviri, ii. 265
 Mandrill, i. 219; v. 21, 22
 Mangabey, v. 15
 à collier blanc, v. 16
 collared, i. 261; v. 16
 with collar, i. 211
 without collar, i. 211
 Mangouste, v. 156
 of Egypt, ii. 47
 of Java, ii. 398
 of the Indies, ii. 47
 of the Cape, ii. 47
 vausire, v. 157
 Mangoustes, ii. 47. 392
 Mangusta, v. 156
 Cafræ, v. 157
 Edwardsii, v. 157
 galera, v. 157
 Ichneumon, v. 156
 Javanicus, v. 157
 major, v. 158
 mungos, v. 156
 rubra, v. 158
 Manicou, ii. 63
 Manis, i. lx; iii. 261. 306; v. 281
 African, v. 282
 brachyura, iii. 262; v. 282
 broad-tailed, v. 282
 crassicaudata, v. 282
 Indian, v. 282
 Javanica, v. 282
 long-tailed, iii. 262. 308; v. 282
 longicaudata, v. 282
 macroura, v. 282
 pangolinus, v. 282
 pentedactyla, iii. 262. 307; v.
 282
 phatagus, v. 282
 short-tailed, iii. 262. 307; v.
 282
 tetractyla, iii. 262. 308; v.
 282
 Mankind, general extension of, i. 123
 Mans-gottung, v. 214
 Mantegar, v. 21
 Mapach, ii. 28; v. 114
 Mapurita, v. 127
 Mapurito, v. 118. 128
 Margaia, ii. 482
 Margay, ii. 482; v. 169
 Margatsch, v. 336
 Mariba, v. 294
 Marikina, i. 226. 310; v. 42
 Marimonda, i. 305; v. 24

- Marinose, ii. 66
 Marmose, la, iii. 32; v. 188
 Marmot, v. 244
 Alpine, iii. 81. 166; v. 244
 barking, v. 248
 Diana, iii. 170; v. 248
 earless, v. 246
 Franklin's, v. 246
 Gundi, v. 248
 hoary, v. 248
 Hood's, v. 247
 Maryland, v. 244
 of Germany, iii. 75
 of Poland, iii. 81. 169
 Parry's, v. 247
 Prairie, v. 247
 Quebec, v. 245. 247
 red, v. 245
 Richardson's, v. 246
 short-tailed, v. 245
 striped American, iii. 171
 tailless, v. 248
 variegated, iii. 169
 Marmots, iii. 166
 Marmotte, v. 244
 de Canada, v. 245
 de Pologne, v. 244
 de Sibérie, v. 246
 du cap, v. 292
 volante, v. 90
 Marmottes, iii. 80
 Marsouin, iv. 453; v. 383
 dolphin, v. 383
 Marsupiata, ii. 61; v. 185
 suppl. on the, iii. 1
 Marte, v. 123
 marron, v. 125
 zorra, v. 125
 Marten, v. 124
 beech, ii. 293; v. 123
 common, ii. 36. 294
 Indian pine, v. 159
 spotted, v. 193
 Martens, ii. 33. 36. 292
 Martes, v. 123
 Canadensis, v. 124
 foina, v. 123
 leucotis, v. 126
 Pennantii, v. 125
 rufa, v. 125
 sinuensis, v. 125
 Vison, v. 124
 vulgaris, v. 123
 zibellina, v. 124
 Martin, pine, v. 123
 Massacus, v. 209
 Mastiff, ii. 40. 337; v. 141
 English, v. 141
 Mastodon, iii. 328
 Mastodon, angustidens, iii. 329
 giganteum, iii. 328
 great, iii. 328
 with narrow teeth, iii. 329
 Mastodons, iii. 328
 Mataco, iii. 256
 Mâtin, v. 134
 French, ii. 328
 Maucuco, little, v. 48
 murine, v. 48
 Tarsier, v. 50
 Maucoco, v. 115
 Mazama, v. 314
 dorsata, v. 354
 sericea, v. 354
 Mazame, iv. 12; v. 323. 354
 Mazamine group, iv. 127
 Mbaracaya, ii. 482
 Medateus, v. 74
 Lewisii, v. 74
 Meerkats, iii. 172
 Megaderma, v. 74
 frons, v. 75
 lyra, v. 75
 spasma, v. 74. 75
 trifolium, v. 75
 Megadermes, ii. 10. 128
 Megalotis, ii. 45; v. 151
 Brucei, v. 152
 Megalotis, Lalandii, ii. 372; v. 151
 Mejangan Banjoe, v. 311
 Melas, ii. 53
 Meles, ii. 30; v. 115. 116
 alba, v. 114
 gulo, v. 117
 Labradorica, v. 116
 vulgaris, v. 116
 Melursus, v. 113
 Memina, iv. 63; v. 301
 Men, wild, i. 207
 Mephitis, ii. 37; v. 126
 Americana, v. 127
 Chilensis, v. 127
 interrupta, v. 127
 Javanensis, v. 129
 meliceps, v. 129
 Meriones, iii. 153
 Mermaids, iv. 431
 Merschswain, v. 383
 Merycotherium Sibiricum, v. 322
 Michaucanens, v. 141
 Mico, i. 227; v. 40
 Micouré, ii. 63
 dwarf, v. 191
 fifth, iii. 34
 fourth, iii. 33
 long-tailed, iii. 33
 premier, v. 187
 premier Manicou, v. 186

- Micouré, second, v. 190
 sixth, v. 191
 third, with a thick tail, v. 190
 woolly, v. 190
 Midas, v. 40
 Œdipus, v. 42
 albifrons, v. 41
 chrysomelas, v. 41
 labiatus, v. 41
 leoninus, v. 42
 rosalia, v. 42
 rufimanus, v. 40
 ursulus, i. 226; v. 41
 Mimetes, v. 4
 Mink, ii. 35. 37. 291; v. 122
 of the Americans, v. 124
 Mioroung, v. 180
 Miriki, v. 25
 Miriquouina, v. 36
 Mirounga, v. 179
 Ansonii, v. 180
 Byronii, v. 181
 Patagonica, v. 180
 proboscidea, v. 180
 Mistus, v. 370
 Mitzli, ii. 436
 Mococo, i. 228. 329; v. 45
 Mole, v. 108
 albinose, v. 108
 ash-coloured, ii. 201
 blind rat, iii. 78
 citron, ii. 201
 common, ii. 23
 fawn-coloured, ii. 201
 golden, ii. 20
 long-tailed, ii. 20. 211; v. 108.
 110
 maritime rat, iii. 79
 of the Greeks, v. 241
 pied, ii. 201
 radiated, ii. 210; v. 110
 rat, of the Cape, iii. 79
 red, ii. 20. 193
 red, of Seba, v. 108
 sand, iii. 164
 shrew, v. 107
 small rat, iii. 79
 spotted, v. 108
 star muzzled, of Canada, ii. 23
 water, v. 285
 white, ii. 201; v. 108
 yellow, v. 108
 zand, iii. 164; v. 242
 Moles, ii. 22. 194
 rat, iii. 77
 Molock, i. 209; v. 6. 34
 Molossus, ii. 7; v. 60
 acuticaudatus, v. 63
 amplexicaudatus, v. 62
 Molossus, ater, v. 61
 black, v. 61
 castaneus, v. 62
 crassicaudatus, v. 62
 fumarius, v. 63
 fusciventer, ii. 7; v. 61
 Guyanensis, ii. 7
 longicaudatus, ii. 7; v. 62
 nasutus, v. 63
 obscurus, v. 61
 rufus, v. 60
 sharp-tailed, v. 63
 ursinus, v. 63
 Moluck, v. 304
 Mona, i. 212. 268
 Monardes paseng, v. 357
 Monax, iii. 170; v. 245
 Mone, la, v. 12
 Mongooz, v. 45
 Mongous, i. 228. 327; v. 45
 grand, v. 45
 with white forehead, i. 228
 Mongsoo, v. 304
 Mongul, iii. 143
 Monk, ii. 291; v. 37
 Monkey, i. 320
 bay, v. 8
 bonneted, i. 278
 broad-bearded, v. 11
 broad-toothed, v. 11
 callitrix, v. 14
 capped, v. 7
 capuchin, v. 32
 Chinese, v. 17
 Cochin China, i. 214. 276; v. 8
 fair, v. 40
 fearful, v. 29
 four-fingered, v. 24
 fox-tailed, v. 36
 full bottom, v. 8
 great-eared, v. 40
 green, i. 212. 263; v. 14
 hare-lipped, i. 216. 286; v. 17
 horned, v. 31
 king, v. 8
 lion, i. 226; v. 42
 lion-tailed, i. 285
 little black, v. 40
 little lion, v. 43
 long-nosed, i. 213
 masked, v. 33
 middle-size black, v. 9
 mustache, i. 213. 271; v. 12
 Negro, i. 211. 262; v. 9
 night, i. 225
 orange, v. 33
 palatine, v. 13
 perruque, v. 7
 pig-tailed, v. 19

- Monkey, preacher, v. 27
 proboscis, i. 213. 276; v. 9
 purple-faced, i. 277; v. 11
 red, i. 211. 261; v. 13
 red howling, i. 222; v. 26
 red-tailed, v. 43
 red-vented, v. 15
 royal, v. 26
 silky, i. 310; v. 42
 silver-haired, v. 26
 spider, v. 25
 spotted, i. 212; v. 13
 squirrel, i. 307. 312; v. 33
 St. Jago's, v. 15
 striated, i. 308; v. 38
 stunted, v. 38
 Talapoin, v. 11
 varied, i. 212. 268; v. 12
 vaulting, i. 213; v. 13
 weeper, v. 28
 white eye-lid, i. 211; v. 15
 white-nosed, v. 12
 widow, i. 320; v. 33
 Monkeys, i. 206
 American, v. 24
 lazy, i. 229
 long-tailed, i. 210
 of America, i. 221
 proper to the old world, i. 207
 Mono, v. 25
 capuchino, i. 316
 colorado, v. 26
 feo, i. 318
 rabon, i. 318; v. 38
 Monodon, i. lx; iv. 437; v. 386
 Andersonianus, v. 387
 microcephalus, v. 387
 monoceros, iv. 437; v. 387
 narwhal, v. 387
 spurius, iv. 464
 Monophyllus, v. 85
 Redmani, v. 85
 Monotrema, v. 283
 Moose, iv. 72; v. 304
 Mopse, ii. 338
 Morcassin, v. 288
 Morfo, v. 185
 Mormoops, v. 73
 Blainvillii, v. 74
 Mors, v. 185
 Morse, ii. 511
 Morses, ii. 59
 Moschi capreolus, v. 301
 Moschius, ii. 172
 Moschus, i. lx; iv. 6. 59; v. 301
 Javanicus, iv. 64; v. 302
 memina, iv. 63; v. 301
 moschiferus, iv. 6. 60; v. 301
 napu, iv. 63; v. 302
 Moschus, pelandoc, iv. 66; v. 302
 pygmæus, v. 303
 Mouffette de Chili, v. 128
 Mouffettes, ii. 37
 Mouflon, v. 360
 d'Afrique, v. 360
 of Africa, iv. 26
 of America, iv. 26
 Mouse, v. 226
 Astracan, v. 234
 Baikal, v. 211
 Barbary, v. 228
 common domestic, iii. 131
 field, iii. 74; v. 209. 225
 frugivorous, v. 229
 garlic, v. 210
 harvest, iii. 132; v. 226
 Javanese, v. 224
 lineated v. 211
 meadow, iii. 110
 minute, v. 227
 of Cairo, iii. 74
 red, v. 210
 short-tailed field, v. 209
 shrew, v. 102
 soricine, v. 228
 striated, v. 228
 subtle, v. 227
 white-footed, v. 232
 white-tailed, v. 212
 wood, iii. 132
 Moussel, v. 268
 Moustac, i. 213; v. 12
 Muana conquo, iv. 327
 Mufflon, iv. 26
 Muffoli of Corsica, iv. 26
 Mufione of Sardinia, iv. 26
 Mule, wild, of Antiquity, v. 295
 Mulot, iii. 74; v. 225
 des champs, v. 226
 petit, v. 226
 volant, v. 60
 volant, second, v. 61
 Multungula, i. lxxviii.
 Mungo, v. 156
 Mungutia, v. 156
 Muntjak, iv. 144. 148
 Blainville's, iv. 148; v. 320
 Nepaul, iv. 149; v. 320
 Philippine, iv. 147; v. 319
 Ubi, iv. 148; v. 320
 Mus, i. lx; iii. 66; v. 208. 223
 accedula, iii. 76; v. 233
 Æconomus, iii. 68; v. 210
 Ægyptius, v. 236
 Africanus cayopillin dictus, v. 188
 agrarius, v. 227
 agrestis, v. 290
 agrestis major, v. 225

Mus, Alexandrinus, v. 225

- alliarius, v. 210
- Alpinus, iii. 81 ; v. 234. 244
- amphibius, iii. 67 ; v. 209
- amphibius terrestris, v. 217
- angouya, v. 230
- anomalus, iii. 139 ; v. 236
- aquaticus, v. 209
- exoticus, ii. 185 ; v. 105
- aquatilis, ii. 185 ; v. 105. 209
- arctomys, v. 244
- arenarius, iii. 76 ; v. 234
- araneus, ii. 172
- arvalis, iii. 68. 110
- aspalax, iii. 69 ; v. 215
- Astrachanensis, v. 214
- auritus, v. 231
- avellanarius, iii. 72. 122. v. 221
- avellanarius minor, v. 221
- avellanarius major, v. 220
- Barabensis, v. 235
- barbarus, v. 228
- betulinus, v. 228
- bobac, iii. 81
- Braziliensis, v. 230
- bursarius, iii. 138 ; v. 235
- cafer, iii. 80 ; v. 243
- cahirinus, iii. 74 ; v. 232
- campestris, v. 226
- campestris major, v. 225
- campestris minor, v. 209
- Canadensis, iii. 159
- Capensis, iii. 79 ; v. 242
- caraco, iii. 74 ; v. 224
- caugouya, v. 230
- cephalotes, v. 231
- citillus, iii. 81 ; v. 246
- coypus, iii. 73 ; v. 223
- cricetus, iii. 75 ; v. 233
- cyanus, v. 214
- decumanus, iii. 74. 129 ; v. 224
- dichrurus, v. 229
- domesticus major, v. 225
- domesticus medius, v. 225
- domesticus vulgaris, v. 226
- Donovani, v. 230
- Egypticus, iii. 143
- empetra, v. 245
- fasciculatus, v. 262
- Floridanus, v. 214
- frugivorus, v. 229
- furunculus, v. 235
- giganteus, iii. 126 ; v. 223
- glis, iii. 71 ; v. 220
- gregalis, v. 211
- gregarius, v. 211
- griseus, v. 224
- Hudsonius, iii. 69 ; v. 217
- hydrochærus, v. 270

Mus, Icria, v. 229

- Indicus, v. 224
- Islandicus, v. 229
- jaculus, iii. 77. 143 ; v. 236
- Javanicus, v. 224
- Labradorius, v. 240
- lagurus, v. 216
- laniger, v. 235
- laucha, v. 231
- lemmus, iii. 69. 114 ; v. 215
- leucopus, v. 232
- longipes, iii. 157 ; v. 240
- macrourus, v. 263
- Malabaricus, v. 223
- maritimus, iii. 79. 164 ; v. 242
- marmotta, v. 244. 246
- Maulinus, v. 248
- Meridianus, v. 239
- messorius, iii. 132 ; v. 226
- microurus, v. 215
- migratorius, v. 233
- minutus, v. 227
- monax, v. 244
- muscardinus, iii. 122
- musculus, iii. 73 ; v. 226
- nigricans, v. 232
- nigripes, v. 231
- nitela, iii. 71
- nitidula, v. 220
- Noricus, v. 246
- Norvegicus, v. 215. 224
- Orientalis, v. 228
- parvulus, v. 227
- pendulinus, v. 227
- Perchal, v. 232
- phœus, iii. 76 ; v. 234
- ponticus, v. 259
- porcellus, v. 271
- pumilio, v. 211
- rattus, iii. 73 ; v. 225
- rufus, v. 230
- rutilus, v. 210
- quercinus, v. 220
- saccatus, v. 235
- sagitta, iii. 77 ; v. 236
- setifer, v. 229
- seu Cuniculus Americanus et Guineensis, v. 271
- socialis, v. 211
- songarus, iii. 76 ; v. 234
- sorex, v. 226
- soricinus, v. 228
- striatus, v. 228
- subtilis, v. 227
- Sumatrensis, v. 224
- suslica, v. 246
- sylvaticus, iii. 74. 132 ; v. 225
- sylvestris, v. 224
- sylvestris Americanus, v. 191. 271

- Mus, tamaricinus, iii. 155; v. 239
 talpinus, v. 216
 terrestris, v. 209. 211
 torquatus, v. 217
 typhlus, iii. 78; v. 241
 vagus, v. 227
 zibethicus, iii. 67; v. 208
 Musang, ii. 416
 brilan, v. 159
 Musaraigne, ii. 172; v. 102
 à queue de rat, v. 104
 d'eau, v. 102
 dorée, v. 108
 plaron, v. 103
 taupe, v. 107
 Musaraignes, ii. 172
 Musc, v. 153
 Muscardin, iii. 72; v. 221
 volant, v. 90
 Musculus dichrurus, v. 222. 229
 frugivorus, v. 221. 229
 Muserain, ii. 172
 Musette, ii. 17. 128
 Musk, iv. 6
 Indian, v. 302
 Java, iv. 63
 pygmeus, iv. 62; v. 303
 Thibetian, iv. 60; v. 301
 Musks, iv. 6. 59
 Musmon, iv. 322; v. 360
 Musquash, v. 208
 Mustela, ii. 33; v. 119
 abietinum, v. 123
 abietum, ii. 294
 Africana, v. 122
 Alpina, v. 120
 altaica, v. 120
 Americana, v. 127
 armelina, v. 122
 barbara, ii. 32. 278; v. 117
 Canadensis, ii. 296; v. 124
 candida, v. 122
 Cuja, v. 126
 erminea, ii. 35; v. 122
 fagorum, ii. 293
 flavigula, v. 126
 foina, ii. 36; v. 124
 furo, ii. 34; v. 120
 glauca, v. 156
 gulo, ii. 276; v. 117
 Guyanensis, v. 126
 Hudsonica, v. 130
 leucotis, v. 126
 lutra, ii. 38. 312; v. 130. 132
 lutra Brasiliensis, ii. 38; v. 130
 lutreola, ii. 35; v. 122
 lutris, ii. 39. 316; v. 132
 martes, ii. 36; v. 123
 Mustela, melanorhyncha, v. 125
 nivalis, ii. 289; v. 121
 Pennanti, ii. 297; v. 125
 putorius, ii. 34; v. 120
 quadricolor, v. 126
 quiqui, v. 126
 rufa, v. 125
 Sarmatica, ii. 34
 Sibirica, ii. 35; v. 122
 sinuensis, ii. 297; v. 125
 vison, v. 124
 vulgaris, ii. 35; v. 121
 zibellina, ii. 36. 294; v. 124
 Mutz, v. 179
 Mycetes, i. 221; v. 26
 flavicaudatus, v. 27
 fuscus, v. 27
 niger, v. 28
 rufimanus, v. 28
 seniculus, v. 26
 stramineus, v. 27
 ursinus, v. 27
 Myadeus meliceps, ii. 305; v. 129
 Mygale, ii. 18. 185; v. 105
 Moscovitica, ii. 189; v. 105
 Pyrenaica, ii. 190; v. 105
 Myonotes pratensis, v. 214
 Myopotamus, v. 223
 Canariensis, v. 223
 Myopterus, v. 83
 Daubentonii, v. 83
 Myoxus, iii. 71. 118; v. 219
 Africanus, v. 221
 avellanarius, v. 220
 avellanarius Lalandii, v. 221
 chrysurus, v. 218
 Compei, v. 221
 dryas, v. 220
 glis, iii. 118; v. 220
 guerlinguet, v. 256
 murinus, v. 221
 muscardinus, v. 221
 nitela, v. 220
 tamaricinus, v. 239
 Myrmecophaga, i. lx; iii. 259. 299; v. 280
 aculeata, iii. 264; v. 284
 Afra, v. 279
 annulata, v. 281
 Capensis, iii. 259; v. 279
 didactyla, iii. 261; v. 281
 jubata, iii. 260. 299; v. 280
 minima, v. 281
 nigra, v. 280
 tamandua, iii. 260; v. 280
 tetradactyla, iii. 260; v. 280
 tridactyla, iii. 260; v. 280
 unicolor, v. 281

- NABIS, v. 321
 Næmorhedine group, iv. 277
 Næmorhedus, v. 352
 Nærs, v. 122
 Nagor, iv. 238; v. 338
 Naip, v. 321
 Nanguer, le, iv. 20; v. 331
 Napu, iv. 63; v. 302
 Nari, v. 146
 Narwhal, iv. 460
 common, v. 387
 microcephalus, iv. 463
 vulgaire, v. 387
 Narwhals, iv. 437
 Nasalis larvatus, v. 9
 Nasique, i. 276; v. 9
 Nasua, ii. 29; v. 114
 fusca, v. 115
 rufa, v. 114
 Natantia, i. lxxix.
 Neelghau, iv. 363; v. 366
 Neitsek, v. 178
 Neitersoak, v. 179
 Nems, ii. 47; v. 157
 Neotoma, iii. 160; v. 214
 Floridana, iii. 160; v. 214
 Neotragine group, iv. 269
 Neotragus, v. 349
 Nesarnack, iv. 456; v. 382
 Ngria, v. 331
 Niborèbi, v. 294
 Nil-bundar, v. 17
 Niou, iv. 22
 Noctilio, ii. 8; v. 67
 à ventre blanc, v. 67
 albiventer, v. 68
 Americana, v. 67
 dorsatus, v. 67
 ferrum equinum, v. 76
 hare-lipped, v. 67
 leporinus, v. 67
 Peruvian, v. 67
 rufus, v. 68
 unicolor, v. 67
 Noctilions, ii. 8
 Noctule, ii. 13. 144; v. 89
 Noerz, ii. 35
 Nord caper, iv. 442. 493; v. 390
 Norek, ii. 35. 291
 Nots, Devonshire, iv. 340
 Nougî-hari, ii. 355
 Noumetje, v. 349
 Nunel, v. 375
 Nunni, v. 330
 Nupu, v. 302
 Nycteres, ii. 11
 Nycteris, ii. 11; v. 79
 Daubentonii, v. 80
 Geoffroyii, v. 80
 Nycteris, hispidus, v. 79
 Javanica, v. 80
 of Thebaïs, ii. 12. 137
 Thebaïda, v. 80
 Nycticebus, v. 47
 Bengalensis, v. 47
 Ceylonicus, v. 48
 Javanicus, v. 48
 potto, v. 49
 Nycticeius, v. 98
 Nyctinome, Bengal, v. 64
 Brasilian, v. 65
 d'Egypte, v. 64
 Egyptian, ii. 8; v. 64
 Murine, v. 61
 Port Louis, v. 64
 Nyctinomes, ii. 7
 Nyctinomus, v. 64
 acetabulosus, v. 64
 Bengalensis, v. 64
 Brasiliensis, v. 65
 dilatus, v. 65
 Mauritanus, v. 65
 murine, v. 66
 tenuis, v. 65
 Nyctophilus, v. 86
 Geoffroyi, v. 86
 Nyentak, ii. 280
 of Java, v. 118
 Nylgau, iv. 21

 OCELOT, ii. 53; v. 167
 linked, v. 168
 Ocelots, ii. 474
 Octolicnus, i. 229
 galago, v. 49
 Odobenus, v. 185
 Ogotone, iii. 226; v. 269
 Oleck, ii. 158
 Olen, v. 305. 308
 Onager, v. 295
 Once, v. 166
 Ondatra, iii. 67. 106; v. 208
 Ondatras, iii. 66
 Onza, ii. 452; v. 164
 Oont, v. 298
 Opeacha, v. 295
 Ophion, v. 359
 Opossum, ii. 63; v. 186. 198
 Azara's, v. 186
 back-bearing, v. 189
 Cayenne, v. 187
 crab-eating, v. 187
 dwarf, v. 191
 four-eyed, v. 187
 gray, v. 188
 Javan, v. 204
 lemurine, v. 197
 Mexican, iii. 32; v. 188

- Opossum Molucca, v. 187
 marine, ii. 66; iii. 32
 murine, v. 188
 naked-tailed, v. 189
 New South Wales, v. 197
 petaurine, v. 198
 Philander, v. 188
 Quica, v. 187
 Seba's, v. 190
 short-tailed, iii. 33; v. 190
 spotted, v. 193
 squirrel, v. 200
 thick-tailed, v. 189
 ursine, iii. 37. 52
 Virginian, iii. 24; v. 186
 Viverrine, v. 194
 vulpine, v. 197
 white-tailed, v. 198
 woolly, v. 190
 Orang, i. 348
 l', varié, i. 254
 outang, i. 207. 238; v. 5
 Orangs, i. 207
 Orc, iv. 455
 Orca, v. 384
 Orebi, v. 339
 Oreillard, v. 97
 Oreillards, ii. 14
 Oreotragine group, iv. 245
 Organization in general, i. 11
 Orico, v. 264
 Ornithorynchus, iii. 264. 316; v. 284
 bristly, v. 284
 brown, v. 285
 crispatus, v. 285
 fuscus, v. 285
 histris, iii. 264. 314; v. 284
 histris alter, v. 284
 paradoxus, iii. 265; v. 284
 porcupine, iii. 314; v. 284
 red, v. 284
 rufus, v. 284
 setosus, iii. 264; v. 284
 Oropo, l', v. 235
 Orthula of Mexico, v. 128
 Oryctère, iii. 79
 Orycteropus, iii. 258
 of the Cape, iii. 259
 Orycteropus, iii. 258. 296; v. 279
 Capensis, v. 279
 Orygine group, iv. 182
 Oryx, iv. 19; v. 325
 Caffrarian, iv. 186; v. 326
 Nubian, iv. 189; v. 327
 white, iv. 188; v. 326
 Otaria, v. 182
 cinerea, v. 183
 coronata, v. 182
 Falklandica, v. 183
 Otaria flavescens, v. 183
 jubata, v. 184
 Peronii, v. 182
 pusilla, v. 182
 ursina, v. 182
 Otaries, ii. 58
 Otter, American, ii. 38. 314; v. 130
 Canadian, v. 130
 Carolina, v. 131
 clawless, v. 131
 common, ii. 38. 312; v. 129
 Brazilian, ii. 314; v. 130
 Javanese, v. 132
 greater, v. 130
 gryze, v. 132
 little, of Guyane, iii. 35
 Pondicherry, v. 131
 sea, ii. 39. 316; v. 132
 small, of Guyane, ii. 66
 smaller, ii. 291
 spotted, v. 130
 Trinity, v. 131
 white-headed sea, ii. 316
 Otters, ii. 38. 312
 Ouanderou, i. 216. 284; v. 16
 Ouarin, i. 222; v. 27
 Ouavapavi, v. 31
 Ouistiti, v. 38
 common, i. 226
 Ouistitis, i. 225
 Ounce, ii. 469
 Ourebi, v. 340
 Ours, v. 111
 blanc, v. 112
 d'Amérique, v. 112
 gulaire, ii. 228
 marin, v. 182
 marin du Cap de Bonne Espé-
 rance, v. 182
 Ovibos, iv. 372; v. 370
 moschatus, iv. 373; v. 370
 Pallantis, iv. 375; v. 370
 Ovis, iv. 25. 311; v. 358
 Ammon, iv. 25. 316; v. 359
 argali, v. 359
 aries, iv. 324; v. 361
 montana, iv. 26; v. 354. 359
 musmon, iv. 322; v. 360
 pudu, v. 355
 pygargus, iv. 318; v. 359
 tragelaphus, iv. 26. 319; v. 359
 Ox, iv. 28
 Alderney, iv. 424
 Bornou, iv. 426
 Cape, v. 371
 common, iv. 28
 domestic, iv. 418
 fossil musk, iv. 375; v. 370
 Galla, iv. 426

- Ox, Guernsey, iv. 424
 Highland, iv. 423
 improved Leicester, iv. 422
 Lancaster, iv. 422
 long-horned, iv. 422
 middle-horned, iv. 422
 musk, iv. 31. 373; v. 370
 Orkney, iv. 423
 polled, iv. 423
 short-horned, iv. 422
 Welsh, iv. 423
 Zanga, iv. 426
 Oxypterus, v. 383
- PAART, berg, v. 296
 mountain, v. 296
- Paca Brasiliensis, v. 273
 brown, iii. 247; v. 273
 femelle, v. 273
 yellow, v. 273
- Pacas, iii. 95
- Paco, iv. 6. 57; v. 299
- Pacos, v. 299
- Pacasse, v. 372
- Pachydermata, i. lxxvii; iii. 323; v. 285
 suppl. to the, iii. 345
- Pag, v. 273
- Pagasse, v. 371
- Pague, v. 273
- Palæotherium, iii. 338
- Paletuveirs, v. 317
- Pallah, iv. 219; v. 334
- Palmiste, iii. 84; v. 253
- Pangolin, v. 282
 à queue courte, v. 282
- Pangolins, iii. 261
- Panther, ii. 51. 459; v. 165
 black, ii. 53
 of antiquity, v. 165
 of exhibitors, v. 164
 of the ancients, ii. 466
- Panthère, v. 165
 femelle, v. 164
 mâle, v. 165
- Papio, i. 339. 349; v. 274
 apedia, v. 23
 cinerea, v. 22
 comatus, v. 20
 cynocephalus, v. 20
 leucophæus, v. 22
 mormon, v. 21
 niger, v. 23
 Pennantii, v. 23
 porcarius, v. 20
 Silenus, v. 16
 sublutea, v. 22
 sus, v. 21
 sylvicola, v. 22
- Papion, i. 218; v. 20
- Papion, à perruque, i. 218; v. 21
 black, i. 218
 noir, v. 20
 petit, v. 20
 short-tailed, i. 219
- Paracyon, v. 192
- Paradoxurus, ii. 412; v. 158
 albifrons, v. 160
 aureus, v. 159
 common, v. 158
 golden, v. 159
 prehensile, v. 159
 prehensilis, v. 159
 typus, ii. 412; v. 158
- Paræiasta, v. 121
- Pardalis of the ancients, ii. 51
- Paresseux pentadactyle du Bengale, v. 47
- Parrah, v. 312
- Passan, iv. 19; v. 326
- Patas, i. 211. 261; v. 13
 à queue courte, i. 217; v. 18
- Patira, iii. 334
- Pay, v. 273
- Pebea, v. 276
- Pecari, v. 290
- Pecary, iii. 333
 collared, iii. 412; v. 289
 with collar, iii. 334
- Pecora, i. lx. lxxvi; iv. 1; v. 296
- Pedetes, iii. 80. 164; v. 242
 Capensis, v. 243
- Pedimana, i. lxxvii.
- Pegasse, iv. 386
- Pegasus, v. 372
- Pekan, ii. 37; v. 124
- Pelage, v. 179
- Pelandok, iv. 66; v. 302
- Perameles, ii. 68; iii. 38; v. 194
 Bougainvillia, v. 195
 nasuta, ii. 69; iii. 39; v. 195
 obesula, iii. 39; v. 195
 with pointed muzzle, ii. 69
- Perouasca, ii. 34
- Petaurista Cookii, v. 198
 flaviventer, v. 199
 large-tailed, v. 199
 macroura, v. 199
 pygmæa, v. 200
 sciurea, v. 199
 squirrel, v. 199
 taguanoides, v. 198
 yellow-bellied, v. 199
- Petauristæ, iii. 43
- Petaurus, ii. 71
 flaviventer, v. 199
 macrourus, v. 199
 Peronii, v. 200
 sciureus, v. 200
 southern, v. 199

- Petaurus taguanoides*, v. 199
Pfang, v. 372
Pflokfish, v. 390
Phalanger, bear-like, v. 197
 Cook's, ii. 71; iii. 42; v. 198
 dwarf, v. 198
 femelle, v. 196
 flying dwarf, ii. 72; iii. 44
 fox-like, ii. 71; v. 197
 great-flying, ii. 72; iii. 44
 long-tailed flying, ii. 72; iii. 45
 male, v. 196
 red, v. 196
 spotted, v. 196
 tauanoides, v. 199
 volant, grand, v. 199
 volant à grande queue, v. 199
 vulpine, iii. 41
 yellow-tufted, v. 197
Phalangers, ii. 70; iii. 40
 flying, ii. 71; iii. 43
Phalangista, ii. 70; v. 196
 alba, v. 196
 chrysorrhæa, v. 197
 Cookii, iii. 42; v. 198
 maculata, v. 196
 nana, v. 198
 Papuanensis, v. 196
 Peronii, v. 200
 petaurus, v. 199
 pygmæa, v. 200
 rufa, v. 196
 sciurea, v. 200
 ursina, v. 197
 vulpina, v. 197
Phascolæurus, iii. 333; v. 289
 Africanus, v. 289
Phascogale, v. 194
 minimus, v. 194
 penicillata, v. 194
Phascolarctos, v. 204
 fuscus, iii. 50; v. 205
 koala, v. 205
Phascolomes, ii. 77
Phascolomys, ii. 77; iii. 52; v. 205
 fusca, v. 206
 wombat, v. 206
Phatagin, iii. 262; v. 282
Phattager, v. 282
Phé, le, v. 234
Philander, v. 187
 Africanus, v. 188
 maximus Orientalis, v. 187
Philandre de Surinam, v. 188
Philantomba, v. 349
Phoca, ii. 56; v. 175
 Ansonii, v. 180, 181
 barbata, v. 178
 Byronii, ii. 509; v. 181
Phoca Coxii, v. 181
 cristata, ii. 58. 507; v. 179
 discolor, v. 177
 fœtida, v. 178
 Falklandica, v. 183
 fasciata, v. 181
 flavescens, v. 183
 Groënlandica, ii. 57
 hispida, v. 178; v. 177. 181
 jubata, ii. 59. 508; v. 184
 lagura, v. 177. 181
 leonina, ii. 58; v. 179
 leporina, v. 176. 181
 leptonyx, ii. 507; v. 178. 181
 lupina, v. 181
 maculata, v. 176
 major, v. 178
 mitrata, v. 179
 monachus, ii. 58; v. 178
 oceanica, v. 177
 Peronii, v. 182
 proboscidea, v. 180
 pusilla, ii. 59. 508; v. 182
 semilunaris, v. 177
 testudinea, v. 181
 ursina, ii. 59. 509; v. 182
 vitulina, ii. 57; v. 176. 181
 vitulina Bothionica, v. 176
 Caspica, v. 176
 Sibirica, v. 176
Phocæ, ii. 495
Phocæna, iv. 436; v. 383
Pholidolus longicaudatus, v. 282
Phoque à museau ridé, v. 181
 à ventre blanc, v. 178
 commune, v. 176
 des Patagons, v. 180
 grand, v. 178
 nutsoak, v. 178
 petit, v. 182
Phylacis, ii. 68
Phyllostoma, ii. 8; v. 68
 crenulatum, ii. 10; v. 68
 elongatum, v. 69
 hastatum, v. 69
 lilium, v. 71
 lineatum, v. 70
 perspicillatum, ii. 127
 planirostra, v. 69
 rotundum, v. 70
 soricinum, ii. 128; v. 73
 spectrum, ii. 126; v. 71
Phyllostomes, ii. 8
Physalus, iv. 469; v. 388
Physeter, iv. 438; v. 327
 catodon, iv. 469; v. 388
 dorso pinnâ longâ, v. 388
 macrocephalus, v. 388
 microps, v. 388

- Physeter sulcatus*, v. 389
 trumpo, v. 388
Physeters, iv. 440, 469
Pichiy, iii. 293
Picka, v. 269
Pig, Guinea, iii. 93; v. 270
 of Guinea, iii. 406
 of New Guinea, v. 288
 Siamese, iii. 406
 Turkish, iii. 406
Pika, iii. 222; v. 269
 calling, iii. 227
 grey, iii. 226; v. 269
Pilosello, v. 154
Pinche, i. 226
Pinnipeda, i. lxxix.
Pipistrelle, ii. 13. 151; v. 89
Pithecia, i. 224; v. 35
 chiripotes, v. 36
 leucocephala, v. 37
 melanocephala, v. 37
 miriquonina, v. 36
 monachus, v. 37
 ochrocephala, v. 37
 rufibarba, v. 36
 rufiventer, i. 225; v. 36
 satanas, v. 35
Pithecus, i. 207. 348; v. 5. 18, 19
 agilis, v. 7
 inuus, v. 19
 lar, v. 6
 leuciscus, v. 6
 nemestrinus, v. 18
 rhesus, v. 18
 satyrus, v. 5
 variegatus, v. 6
 Wurmbii, v. 5
Pithèque, v. 19
Plantigrades, i. lxxvii.; ii. 25. 217; v. 111
Platogna, v. 306
Platyceros, v. 306
Platycerine group, iv. 84
Platypus, iii. 264
 anatinus, v. 284
 duck-billed, v. 285
Platypyga, v. 271
Platyrhinque, v. 184
Plecotus, ii. 14; v. 96
 auritus, v. 96
 barbastellus, v. 97
 Maugei, v. 97
 Timoriensis, v. 98
 velatus, v. 98
Poëphagus, v. 375
Pointer, ii. 41. 335; v. 139
Poisson à sabre, v. 384
Polatouche, iii. 191; v. 259
 barbed, v. 260
Polatouche flèche, v. 260
 Sapan, v. 259
Polatouches, iii. 84
Polecat, v. 120
 Alpine, v. 120
 Cape, ii. 35. 291
 common, ii. 34. 285
 of Catesby, v. 128
 of Kalm, v. 127
 of Poland, ii. 34
 of Siberia, ii. 35
 of the northern rivers, ii. 35
 radiated, ii. 46
 water, ii. 291
Polecats, ii. 34. 285
Pollicata, i. lxxviii.
Pone, le, v. 224
Pongo, i. 295. 351; v. 5
Pongos, i. 220
Poodle, v. 138
Pope, v. 114
Porcellus Indicus, v. 271
Porc-épic, v. 262
 de Malacca, v. 262
Porcupine, Brazilian, v. 264
 brush-tailed, iii. 207; v. 262
 Canada, iii. 206; v. 263
 crested, v. 261
 common, iii. 87
 hairy, iii. 88
 iridescent, v. 263
 long-tailed, v. 262
 Malacca, iii. 207
 maned, iii. 87
 Marsden's, v. 262
 Mexican, v. 263
 pencillated tail, iii. 88; v. 262
 prehensile-tailed, iii. 88. 208
 rice-tailed, v. 262
Porcupines, iii. 87
Porcus, v. 288
 aculeatus, v. 101
 aculeatus sylvestris, v. 263
Porpoise, iv. 453
Porpus, v. 383
 common, iv. 436
Porpusses, iv. 436
Portacine group, iv. 362
Portax, v. 366
Poto, ii. 262
Potoroo, ii. 74; iii. 46
Potorous, v. 200
 Lesuerii, v. 201
 murinus, v. 201
 Peronii, v. 201
Potot, v. 115
Potto, ii. 29; v. 49. 115
Pottos caudivolvulus, v. 115
Prensiculantia, i. lxxviii.

- Presbytis, v. 7
 mitrula, v. 7
 Press, ii. 214
 Primates, i. lx.
 Priodontes, v. 277
 Prionodon, ii. 412; v. 160
 gracilis, ii. 412; v. 160
 Proboscidea, v. 87
 rivalis, v. 87
 river, v. 87
 rock, v. 87
 saxatilis, v. 87
 Prochilus ursinus, v. 113
 Procyon, ii. 28. 246; v. 113
 carnivorus, ii. 252; v. 114
 lotor, v. 114
 Prosimia, v. 44
 albifrons, v. 46
 albimanus, v. 45
 catta, v. 44
 cinereus, v. 47
 collaris, v. 46
 fulvus, v. 45
 macaco, v. 44
 mongooz, v. 45
 niger, v. 45
 nigrifrons, v. 46
 ruber, v. 44
 rufus, v. 46
 Proteles, v. 155
 Lalandii, v. 156
 Pseudotoma, v. 235
 Pteromys, iii. 84. 190; v. 259
 bright, v. 260
 genibarbis, iii. 194; v. 260
 lepidus, v. 261
 nitidus, v. 260
 petaurista, v. 260
 sagitta, v. 260
 Sibiricus, v. 259
 volucella, v. 259
 Pteropus, ii. 4. 102; v. 54
 Ægyptiacus, ii. 6; v. 57
 amplexicaudatus, ii. 6. 108; v. 57
 edulis, ii. 5. 104; v. 54
 Edwardsii, ii. 5; v. 55
 fuscus, v. 55
 griseus, ii. 6. 108; v. 55
 Javanicus, ii. 105; v. 54
 Leschenaultii, v. 56
 marginatus, ii. 6; v. 57
 minimus, ii. 6. 108; v. 58
 palliatu, ii. 110; v. 58
 rostratus, v. 56
 rubricollis, ii. 5; v. 55
 stramineus, ii. 6. 108; v. 57
 vulgaris, ii. 5; v. 55
 Puant of Lepage, v. 127
 Pug, v. 142
 bastard, ii. 338
 Puma, ii. 52. 436; v. 163
 Putois, v. 120
 du Cap, v. 123
 rayé des Indes, v. 155
 Putorii, ii. 285
 Putorius, ii. 34; v. 119
 Alpinus, v. 120
 Altaica, v. 120
 erminea, v. 122
 lutreola, v. 122
 nudipes, v. 121
 Sarmatica, v. 121
 Sibirica, v. 122
 vulgaris, v. 120
 zorilla, v. 123
 Putsche, v. 305
 Pygargon, v. 359
 Pygathrix nemæus, v. 9
 Pyrame, v. 137

 QUACCHA, v. 295
 Quachi Valmont de Bomare, v. 115
 Quadrumana, i. lxxvii. 205; v. 4
 addit. remarks on the, i. 332
 suppl. on the, i. 231
 Quantla mazame, v. 315
 Qu'araho, v. 371
 Quatreœil, v. 187
 Quatto, v. 24
 Quica, v. 187
 Quickhatch, v. 117
 Quocuya, v. 223
 Quouiya d'Azara, iii. 73

 RABBIT, iii. 90. 216; v. 266
 American, iii. 91
 Angora, v. 266
 collared, v. 268
 long-nosed, v. 271
 of Aroe, ii. 76
 Russian, v. 266
 Siberian, iii. 90
 Raccoon, ii. 246; v. 114
 brown-throated, v. 114
 common, ii. 246
 crab, ii. 252; v. 114
 crab-eater, ii. 29
 of the Anglo-Americans, ii. 28
 yellow, v. 114
 Racoonda, v. 222
 Racoons, ii. 28
 Rangifer, v. 304
 Rangiferine group, iv. 79
 Raphicerine group, iv. 252
 Raphicerus, v. 342

- Rasse, ii. 363; v. 153
 Rat à bande noire, v. 227
 Alexandrian, v. 225
 Angouya, v. 230
 Baikal, v. 211
 bandicote, iii. 126
 black, v. 225. 232
 black-footed, v. 231
 blind, iii. 101
 bristle-bearing, v. 229
 brown, iii. 74. 128; v. 224
 Canada, v. 235
 Caraco, v. 224
 common, iii. 73; v. 225
 Daurian, v. 216
 d'eau, v. 209
 de Madagascar, v. 48
 Donovan's, v. 230
 Egyptian, v. 232
 fauve, v. 227
 field, iii. 132
 fifth of Azara, v. 230
 first of Azara, v. 218
 Florida, iii. 160
 fourth of Azara, v. 231
 great-headed, v. 231
 hamster, v. 233
 hare-tailed, v. 216
 Hudson's Bay, v. 217
 Iceland, v. 229
 Indian, v. 225
 kangaroo, ii. 73, 74; iii. 46; v. 201
 Laucha, v. 231
 long-eared, v. 231
 long-legged, iii. 158
 Malabar, v. 223
 meadow, v. 209
 moles, iii. 77
 musk, v. 208
 musk, of Canada, iii. 67
 musqué de Canada, v. 208
 nain, v. 211
 Norway, v. 224
 œconomic, v. 210
 palmiste, v. 253
 Perchal, iii. 74; v. 232
 Pharaoh's, ii. 47; v. 156
 Potooroo, v. 201
 pouched, iii. 134
 prickly, of Azara, iii. 71
 red, of Azara, v. 230
 ringed, v. 217
 rock, v. 210
 Russian musk, ii. 18
 sand, v. 234
 second, of Azara, v. 231
 seventh, of Azara, v. 231
 Sitnic, v. 227
 Rat, sixth, of Azara, v. 231
 sky-coloured, v. 214
 small field, iii. 68
 social, v. 211
 Songar, v. 234
 spiny, v. 218
 Surinam, v. 196
 tamarisk, v. 239
 third, v. 230
 two-coloured tailed, v. 229
 water, iii. 67; v. 209
 wood, v. 232
 wood, of Cayenne, v. 256
 wood, of Raffinesque, v. 232
 volant, v. 83
 Yaik, v. 233
 zaryzin, v. 234
 Ratel, ii. 33; v. 118
 Ratellus, v. 118
 Raton Crabier, v. 114
 Rats, iii. 66. 126
 American spineless, v. 230
 kangaroo, ii. 73; iii. 46
 spineless, of the old continent, v. 223
 spiny, iii. 117; v. 232
 Rattel, ii. 279; v. 118
 Redunca, v. 337
 Reduncine group, iv. 237
 Rehe rehbock, v. 314
 Remau-dahan, v. 164
 Renard, v. 147
 argenté, v. 148
 gris, v. 148
 noir, v. 148
 Renne, v. 305
 Renuthies, v. 305
 Reptantia, i. lxxix.
 Rheebock, red, iv. 239
 riet, iv. 241
 Rhesus, i. 217. 289; v. 18
 Rhinoceros, iii. 336. 419; v. 290
 Africanus, iii. 337; v. 291
 bicornis, iii. 422; v. 291
 bicornis Sumatrensis, v. 291
 Camperis, v. 291
 camus, v. 292
 Indian, iii. 336. 424; v. 290
 Indicus, iii. 336; v. 290
 simus, v. 292
 sinusis, iii. 428
 Sondaicus, v. 291
 Sumatran, two-horned, v. 291
 of Sumatra, iii. 336; v. 291
 Sumatrensis, iii. 336; v. 291
 two-horned, iii. 422
 unicornis, v. 290
 Rhinolophe cruminifera, v. 77
 Rhinolophi, ii. 11

- Rhinolophus*, ii. 11; v. 75
 affinis, v. 78
 bifer, ii. 11
 bihastatus, v. 76
 deformis, v. 79
 diadema, v. 77
 ferrum equinum, v. 76
 ferrum equinum minor, v. 76
 larvatus, v. 78
 major, v. 76
 marsupialis, v. 77
 minor, v. 78
 nobilis, v. 78
 purse, ii. 119
 speoros, ii. 119; v. 77
 tridens, v. 77
 unihastatus, v. 76
 vulgaris, v. 78
Rhinopoma, v. 80
 Carolinensis, v. 81
 microphylla, v. 80
Rhinopome microphyle, ii. 12; v. 80
Rhinopomes, ii. 12
Rietbock, iv. 237
Rimau bulu, ii. 484; v. 171
 Dahan, ii. 451
Rishya, v. 367
Rodentia, i. lxxvii.; iii. 61; v. 207
 suppl. to the, iii. 96
Roe, Tartarian, iv. 122; v. 313
Roebuck, iv. 124; v. 314
 American, v. 317
 fossil, iv. 126
 of Europe, iv. 13
 of India, iv. 13
 of Tartary, iv. 13
Roloway, i. 212; v. 13
Rona, le, v. 211
Rosmarus, v. 185
 Indicus, v. 380
Rossomak, ii. 31
Rougette, v. 55
 of Buffon, ii. 5. 107
Roussette, v. 55
 à oreilles bordées, v. 58
 amplexicaude, v. 57
 black, ii. 5
 bordered, v. 57
 of Buffon, ii. 5
 collared, ii. 5
 common, ii. 107; v. 55
 eatable, ii. 104
 of Edwards, ii. 5. 107; v. 55
 Egyptian, v. 57
 grey, ii. 108; v. 55
 kiodote, v. 58
 long-tailed, v. 57
 mantled, ii. 110; v. 58
 red-collared, v. 55
Roussette, red-necked, ii. 107
 spotted, v. 56
Roussettes, ii. 4. 13. 102
Ruminantia, i. lxxvii.; iv. 1; v. 296
 suppl. to the, iv. 33
Ruminants with hollow horns, iv. 15
Rupicapra, v. 353
 Americana, v. 354
Rupicaprine group, iv. 281
Ruru, v. 312
Rusa, v. 309. 311
 black, of Bengal, iv. 110
 Etam, female of, v. 311
 Gona, iv. 108; v. 310
 great, iv. 105; v. 309
 group, iv. 104
 Malayan, iv. 112
 of Malacca, iv. 115; v. 311
 of the Mariannas, iv. 115; v. 311
 of Timor, iv. 114; v. 311
 Ubi, v. 320
Rytina, iv. 432
Ryzæna, ii. 48. 404; v. 158

SABELL, v. 124
Sable, ii. 36. 294; v. 124
 le, v. 234
Saccolpteryx lepturus, v. 82
Sægau, v. 305
Sagoin, i. 351; v. 33
 black-handed, v. 34
 Jacchus, i. 351
 mitred, v. 34
 ouistiti, i. 351
 ruffed, v. 33
Saguinus ursulus, v. 41
Sai, i. 223; v. 32
 à gorge blanche, v. 32
 var., v. 29
Saiga, iv. 17. 226
Saija, v. 313
Saimiri, i. 224. 307; v. 33
Sajou, i. 223; v. 29
 brun, v. 29
 brun var., v. 30
 cornu, v. 32
 grey, v. 29
 gris, v. 29
 horned, i. 224. 307
Saki, v. 36. 37
 black, i. 225
 hand-drinking, v. 36
 red-bearded, v. 36
 red-bellied, i. 225
 yellow-headed, v. 37
Saladang, iii. 434
Salientia, i. lxxviii.

- Sanglier, iii. 331 ; v. 288
 à masque, v. 288
 d'Afrique, v. 289
 de Madagascar, iii. 332 ; v. 288
 du Cap, v. 289
 masked, iii. 332
 Sanglin, v. 38
 Sapajou, bearded, v. 29
 black, v. 30
 crowned, v. 32
 nègre, v. 30
 ouavapavi, v. 31
 paniscus, i. 351
 spectacle, v. 31
 varied, v. 30
 yellow, v. 30
 yellow-chested, v. 31
 Sapajous, i. 221
 common, i. 222
 Sapan, iii. 192
 Saricovienne, la, v. 118
 de la Guyane, v. 130
 Sarigue, ii. 63 ; v. 187
 à long poil, v. 186
 crab-eating, iii. 30
 de Cayenne, v. 187
 des Illinois, v. 186
 four-eyed, ii. 65 ; iii. 31
 great, of Cayenne, ii. 65
 middle-sized, ii. 65
 with bicoloured ears, ii. 64
 Sarigues, ii. 63
 Sarigues à oreilles bicolores, v. 186
 Sariguoi, ii. 63
 Sasi, v. 337
 Sasin, v. 337
 Sassasby, iv. 352. 363
 Saumer, iv. 110 ; v. 310
 Sauteur des rochers, v. 340
 Scalope, ii. 190
 of Canada, ii. 91. 191
 Scalopes, ii. 19. 174
 Scalops, ii. 191 ; v. 107
 Canadensis, ii. 191 ; v. 107
 Schakal, v. 146
 Barbary, v. 146
 Cape, v. 146
 Schelch, v. 306
 Schermaus, v. 212
 Sciuropterus, v. 259
 Sciurus, iii. 82. 172 ; v. 248
 Abyssinicus, v. 258
 æstuans, v. 256
 affinis, iii. 188 ; v. 251
 albiceps, v. 251
 albovittatus, v. 257
 Alpinus, iii. 176 ; v. 249
 annulatus, iii. 190 ; v. 257
 anomalus, v. 258
 Sciurus avellanarius, v. 221
 bicolor, iii. 180 ; v. 251
 bilineatus, v. 251
 bivittatus, v. 257
 Braziliensis, v. 257
 capistratus, iii. 81 ; v. 253
 Carolinensis, v. 254
 Ceylonensis, v. 250
 Ceylonicus, v. 250
 cinereus, iii. 83. 177 ; v. 254
 Virginianus major, v. 254
 Clarkii, v. 255
 degus, v. 221
 Dschinchicus, v. 257
 epilepticus, v. 220
 erythræus, v. 258
 erythropus, v. 257
 felenus, v. 259
 Finlaysonii, v. 252
 flavus, v. 258
 Getulus, iii. 83. 185 ; v. 228.
 253
 Ginginianus, v. 256
 glis, v. 220
 grammurus, v. 255
 Hudsonius, iii. 84
 Indicus, v. 258
 insignis, iii. 187 ; v. 256
 Javanensis, v. 251
 lateralis, v. 255. 259
 Leschenaultii, v. 251
 Ludoviciana, v. 254
 macrourus, iii. 83 ; v. 250. 255
 Madagascariensis, iii. 86 ; v. 51.
 250
 magnicaudatus, v. 255
 maximus, iii. 83. 184 ; v. 249
 melanotus, v. 259
 nigrovittatus, v. 252
 palmarum, iii. 84 ; v. 252
 penicillata, v. 253
 Persicus, v. 258
 petaurista, v. 260
 phaiopus, v. 259
 platanl, v. 251
 Prevostii, v. 250
 pusillus, v. 256
 quadrivittatus, v. 255
 quercinus, v. 220
 ruber, v. 259
 rubrilineatus, v. 254
 rufiventer, v. 254
 sagitta, iii. 85. 194 ; v. 260
 striatus, iii. 84
 tamaricinus, v. 239
 tenuis, iii. 188 ; v. 252
 tridecim lineatus, iii. 171 ; v.
 247
 variegatus, v. 253

- Sciurus vittatus*, v. 257
 volans, iii. 85. 191; v. 259
 volucella, iii. 85. 191; v. 259
 vulgaris, iii. 82; v. 249
 Zeylonicus, v. 250
Scotophilus, v. 84
 Kuhlii, v. 84
Scythicus volans, v. 259
Seal, bearded, v. 178
 black, v. 181
 bottle-nosed, ii. 58; v. 181
 brown-eared, ii. 509
 common, ii. 57; v. 176. 181
 cowled, v. 179
 crescent, ii. 57
 eared, v. 183
 Falkland Island, v. 183
 fetid, v. 178
 great, v. 178
 Greek, v. 179
 Greenland, v. 177
 hare, v. 176
 harp, v. 177
 hooded, ii. 58. 507
 leonine, v. 184
 little, ii. 509
 long-necked, v. 181
 maned, ii. 59
 Mediterranean, v. 179
 Peron's, v. 180
 proboscis, v. 180
 red, v. 179
 red-eared, ii. 509
 ribbon, v. 181
 small-clawed, v. 178
 speckled, v. 181
 spotted, v. 181
 tiger, v. 181
 tortoise-headed, v. 181
 two-coloured, v. 177
 white-bellied, ii. 58
 white-tailed, v. 177
 wolf, v. 181
 yellow, ii. 59
Seals, ii. 56. 495
 king of, v. 181
Segh, v. 306
Seloc, v. 375
Semnopithecus, v. 9
 comatus, v. 10
 entellus, v. 10
 Maurus, v. 10
 melalophus, v. 10
 pruinusos, v. 10
Seraph, v. 321
Seraphah, v. 321
Serotine, ii. 150
 de la Guyane, grande, v. 91
 great, v. 91
Serval, ii. 481; v. 167
Setiger ecaudatus, v. 109
 inauris, v. 109
 variegatus, v. 109
Setter, ii. 333
Sewellel, v. 245
Sheep, the, iv. 25
 Ardennoise, iv. 342
 Astracan, iv. 329
 Barbary, iv. 328
 bearded, iv. 319
 big-horned, iv. 318
 black-faced heath, iv. 337
 Cheviot, iv. 341
 Circassian, iv. 330
 Congo, iv. 326
 Cretan, iv. 331
 Dishley, iv. 340
 domestic, iv. 324; v. 361
 Dorset, iv. 337
 dun-faced, iv. 338
 Egyptian broad-tailed, iv. 328
 fat-rumped, iv. 330
 Flemish, iv. 341
 goitered, iv. 327
 Guinea, iv. 326
 Hardwicke, iv. 341
 Hebridean, iv. 339
 Herefordshire, iv. 338. 340
 Hottentot broad-tailed, iv. 327
 long-legged, iv. 325
 many-horned, iv. 331
 Merino, iv. 332
 Morocco, iv. 326
 Mysore, iv. 330
 New Leicester, iv. 340
 Norfolk, iv. 337
 Roussillon, iv. 342
 South Down, iv. 340
 Solognot, iv. 341
 Teeswater, iv. 340
 Wallachian, iv. 332
 wild, v. 359
 Wiltshire, iv. 338
 Zetland, iv. 339
Shial, v. 375
Shrew, Cape, ii. 183; v. 103
 collared, v. 104
 common, ii. 17; v. 102
 Daubenton's, ii. 177
 flat-tailed, v. 102
 Indian, ii. 183; v. 103
 musk, v. 105
 oared, ii. 182; v. 103
 rat-tailed, ii. 184; v. 104
 square-tailed, v. 102
 streaked, v. 103
 striped, ii. 181
 Tuscan, v. 104

- Shrew, water, ii. 18. 177; v. 102
 white-toothed, ii. 181; v. 103
- Shrews, ii. 17. 172
- Si-nyn, v. 375
- Siagous, ii. 490
- Siamang, i. 255; v. 6
- Sicista, v. 228
- Sigmodon, v. 213
- Sikistan, v. 227
- Simia, i. 206. 339. 348. 350; v. 4. 19
 Æthiops, i. 211; v. 16
 agrias, v. 5
 amicta, v. 34
 apedia, v. 23
 apella, i. 223; v. 29
 argentata, i. 227; v. 40
 Atys, v. 16
 auritus, v. 39
 aygula, i. 216
 Belzebuth, i. 222. 305; v. 27
 capileata, i. 278
 capucina, i. 223; v. 32
 cephus, i. 213; v. 12
 chiropotes, v. 36
 cinerea, v. 23
 comosa, v. 8
 cyanocephala, i. 216; v. 18. 20
 cynomolgus, i. 216; v. 13
 cynosurus, i. 212; v. 14
 dentata, v. 11
 Diana, i. 212; v. 13
 Diana faunus, v. 13
 entellus, i. 210; v. 10
 erythrea, i. 217. 290; v. 18
 fatuellus, i. 224; v. 31
 faunus, i. 212; v. 14
 ferox, v. 16
 ferruginea, v. 8
 flava, v. 30
 fuliginosa, i. 211
 fusca, v. 19
 Geoffroyi, v. 39
 Hamadryas, i. 218; v. 21
 humeralifer, v. 39
 hypoleuca, v. 32
 inuus, i. 215; v. 19
 Jacchus, i. 226; v. 38
 lagothericha, v. 26
 lar, i. 208; v. 6
 leonina, i. 216; v. 16. 42
 leucisca, i. 209. 258; v. 6
 leucophœa, i. 219; v. 22
 longimana, i. 253; v. 6
 lugens, i. 320; v. 33
 maimon, i. 219; v. 21
 Maura, i. 211
 melalophus, v. 10
 melanocephala, i. 318; v. 38
 Midas, i. 226; v. 40
- Simia, mona, i. 212; v. 12
 monacha, i. 212; v. 12
 mormon, i. 219; v. 21
 nasalis, v. 9
 nasica, i. 213; v. 9
 nemæa, i. 214; v. 9
 nemestrina, i. 217; v. 18
 nictitans, i. 213; v. 12
 nigra, v. 13
 Œdipus, i. 226; v. 43
 paniscus, i. 223; v. 24
 patas, v. 13
 personata, v. 33. 275
 petaurista, i. 213; v. 13
 pileata, v. 12
 pithecia, i. 225; v. 36
 pithecus, i. 215; v. 19
 platypygus, i. 217; v. 19
 polycomus, v. 7
 porcaria, i. 218; v. 20
 pygmæa, v. 4
 roloway, v. 13
 rosalia, i. 226; v. 42
 rubra, i. 211
 Sabæa, i. 212; v. 14
 sangulata, v. 35
 satanas, i. 225. 318
 satyra, i. 207
 satyrus, i. 350; v. 4
 sciurea, i. 224; v. 33
 seniculus, i. 222; v. 26
 silenus, i. 216. 285; v. 16
 silvanus, i. 215; v. 19
 Sinica, i. 216; v. 17
 sphyngiola, i. 218; v. 20
 sphynx, i. 218; v. 21
 sublutea, v. 22
 syndactyla, i. 255; v. 6
 sylvestris, i. 219
 sylvicola, v. 22
 talapoin, v. 11
 trivirgata, i. 313
 trepida, v. 30
 Troglodytes, i. 209; v. 4
 ursina, i. 218; v. 20
 veter, v. 11
 villosa, v. 10
- Simpai, v. 10
- Simung, v. 132
- Sinæthere, v. 264
 prehensilis, v. 264
- Singe à queue de Cochon, v. 18, 19
 cheiropotes, i. 316
 de Moco, i. 218; v. 21
 de nuit, v. 36
 de Wurmb, v. 5
 noir, i. 218; v. 20
 vert, v. 14
- Sins ring, ii. 212

- Sirèn, iv. 432
 Sirenia, v. 377
 Skunk, v. 127
 Sleeper, v. 221
 Sloth, New Holland, v. 205
 of Bengal, i. 229
 three-toed, v. 274
 two-toed, v. 275
 ursiform, v. 113
 ursine, ii. 238
 Sloths, iii. 252. 266
 Sobol, v. 124
 Solidungula, i. lxxvi. lxxviii.
 Solipeda, i. lxxvii.
 Solipedes, iii. 340
 Soora Goy, v. 375
 Sorex, ii. 17. 172; v. 101
 aquaticus, ii. 19. 174. 191; v.
 105. 107
 araneus, ii. 17; v. 102
 araneus maximus, v. 104
 araneus maximus Capensis, ii.
 184
 auratus, ii. 174
 Brasiliensis, ii. 174; v. 105
 cæcutiens, v. 104
 Capensis, v. 103
 carinatus, ii. 178; v. 102
 collaris, v. 104
 constrictus, ii. 179; v. 102
 cristatus, ii. 23. 174. 210; v.
 105. 110
 cunicularis, v. 103
 Daubentonii, ii. 173; v. 102
 Etruscus, v. 104
 exilis, v. 104
 fodiens, ii. 18; v. 102
 glis, v. 106
 Javanica, ii. 211
 Indicus, ii. 183; v. 103
 leucodon, ii. 181; v. 103
 lineatus, ii. 181; v. 103
 minimus, v. 104
 minutus, v. 104
 moschatus, ii. 18. 174; v. 105
 Moschoviticus, v. 105
 murinus, v. 104
 myosurus, ii. 184; v. 104
 pusillus, v. 105
 pygmæus, v. 104
 remifer, ii. 182; v. 103
 Surinamensis, ii. 174
 tetragonurus, ii. 178; v. 102
 Souslik, iii. 81. 169; v. 246
 Spalax, iii. 77. 160
 major, v. 241
 microphthalmus, v. 241
 minor, v. 216
 vittata, v. 242
 Spaniel, ii. 41. 332; v. 136
 Alpine, ii. 333; v. 137
 great water, ii. 334
 King Charles', v. 137
 little, v. 137
 Newfoundland, v. 137
 smaller, ii. 333
 Spasm of Ternate, ii. 11
 Spatling, v. 88
 Spermophilus, v. 246
 Sphiggurus, v. 264
 hairy, v. 264
 spiny, v. 264
 villosus, v. 264
 Springbock, iv. 17
 Squirrel, allied, v. 251
 Alpine, iii. 176; v. 249
 annulated, v. 257
 aye aye, v. 51
 Barbary, iii. 185; v. 253
 barking, v. 248
 black, v. 253
 black banded, v. 252
 Bokol, v. 256
 burrowing, v. 245
 Carolina, iii. 177; v. 254
 Ceylon, v. 250
 Chilian, v. 221.
 Clarke's, v. 255.
 common, iii. 82. 172; v. 249
 common flying, v. 259
 European flying, v. 259
 federation, v. 247
 Finlayson's, v. 252
 flying, iii. 85. 194; v. 259
 four banded, v. 255
 Georgian, v. 258
 gingi, iii. 189; v. 256
 grey, iii. 83. 177; v. 254
 great, iii. 184; v. 249
 ground, iii. 84; v. 247
 guerlinguet, v. 256
 of Hudson's Bay, iii. 84
 Javan, v. 251
 large, iii. 83
 large-tailed, v. 255
 Leschenault's, iii. 179; v. 251
 Lewis's, iii. 190; v. 257
 line-tailed, v. 255
 long tailed, v. 250
 Madagascar, v. 250
 masked, iii. 83. 178; v. 253
 Mexican, v. 258
 Norfolk Island, v. 200
 palm, iii. 185; v. 252
 plantain, v. 251. 258
 Prevost's, v. 250
 red-bellied, v. 254
 red river, v. 254

- Squirrel, ruddy, v. 258
 sailing, v. 260
 Siberian flying, iii. 191
 side marked, v. 255
 slender, v. 252
 two banded, v. 257
 two coloured, v. 251
 two rayed, v. 251
 white striped, v. 253
 Squirrels, iii. 82
 Stag, iv. 8. 90; v. 307
 of America, v. 308
 Barbary, v. 307
 Canadian, iv. 12. 96
 Cape, iv. 18
 common, iv. 11
 Corsican, v. 307
 fossil of America, iv. 104; v. 309
 great water, v. 311
 Indian, iv. 12
 Jamboe, v. 311
 of Louisiana, iv. 12
 Nepaul, iv. 103; v. 309
 north-western, iv. 101; v. 308
 of Virginia, iv. 12
 Steatopyga, iv. 330
 Steenbock, iv. 248
 Vlackte, iv. 249
 Stellere, v. 380
 northern, v. 380
 Stelleres, iv. 432. 448; v. 380
 Borealis, v. 380
 Stematope, v. 179
 Stenoderma, v. 66
 rufa, v. 67
 Stenoderme, v. 67
 roux, v. 67
 Stenodermes, ii. 8.
 Stenops, i. 229; v. 47
 Bengalensis, v. 47
 gracilis, v. 47
 Stentor flavicaudatus, v. 27
 fuscus, v. 27.
 niger, v. 28
 seniculus, v. 26
 stramineus, v. 27
 ursinus, v. 27
 Stepnie barani, v. 359
 Stoat, v. 122
 Strepsiceros, iv. 359; v. 328
 Strepsicerotine group, iv. 359
 Stylocerine group, iv. 143
 Stylocerus, v. 319
 Subr, v. 373
 Subulo, v. 318
 Subulonine group, iv. 139
 Suhah, v. 336
 Sukerkan le, v. 216
 Sulok, v. 336
 Sulgam, vi. 269
 Suricata, v. 158
 Capensis, v. 158
 Suricate, ii. 399; v. 158
 Surikate, ii. 48; v. 158
 Surmulot, iii. 74. 128; v. 224
 Sus, iii. 330. 401; v. 287
 Africanus, iii. 332; v. 288
 Angalla, v. 289
 aper, v. 288
 aquaticus multisulus, v. 293
 babiroussa, iii. 332. 408; v. 288
 ferus, v. 288
 hydrochærus, v. 270
 koiroptamus, v. 288
 Tajassa, iii. 334
 larvatus, iii. 332. 407; v. 288
 maximus palustris, v. 270
 Papuensis, v. 288
 scrofa, iii. 331. 402; v. 287
 tagassu, v. 290
 Svartside, v. 177
 Swartside, ii. 57
 Swine, iii. 330. 401
 Swinewal, v. 388
 Tachyglossus, iii. 263
 Taguan, iii. 82; v. 260
 Taguicati, iii. 334; v. 290
 Taira, ii. 32. 278; v. 117
 Taitetou, iii. 334
 Tajassou, iii. 334. 413; v. 290
 Takhaitze, v. 325
 Talapoin, v. 11
 Talpa, ii. 22. 194; v. 108
 Asiatica, ii. 20. 193; v. 107
 cristata, ii. 23
 Europæa, ii. 23; v. 108
 fusca, ii. 191; v. 107
 longicaudata, v. 110
 maculata, v. 108
 rubra, ii. 20. 193
 Sibirica aurea, v. 107
 variegata, v. 108
 vulgaris, v. 108
 Tamandua, iii. 260. 303; v. 280
 Brasiliensibus, v. 280
 ganga, v. 280
 Tamanoir, iii. 260; v. 280
 Tamarin, i. 218. 226; v. 40
 black, i. 226
 leonine, v. 42
 negro, v. 41
 silky, v. 42
 white fronted, v. 41
 white lipped, v. 41
 yellow fronted, v. 41

- Tamias, iii. 84
 Tanrec, v. 109
 jeune, v. 110
 Tao, v. 327
 Tapeti, iii. 221
 Brasiliensis, v. 268
 Taphien filet, ii. 12
 perforated, ii. 12
 Taphiens, ii. 12
 Taphozous, ii. 12
 lepturus, v. 82
 Mauritanus, v. 82
 perforatus, v. 82
 Senegalensis, v. 81
 Tapiluies, v. 294
 Tapir, iii. 339; v. 293
 American, iii. 431; v. 293
 Americus, iii. 340; v. 293
 Indicus, v. 294
 Malay, iii. 433; v. 294
 Malayanus, v. 294
 Mapouri, v. 293
 Sumatrensis, v. 294
 thick nosed, v. 270
 Tapiti, v. 267
 Tapoa tafa, ii. 68; v. 193. 197
 Tapoo tafa, iii. 38
 Tapurete Brasiliensibus, v. 293
 Tarandus, v. 305
 Tardigrada, i. lxxvii. lxxix.
 Tardigradus, v. 274
 Ceylonicus catulus, v. 275
 Tardigrades, iii. 251
 Tarsier, v. 50
 Bankanus, v. 51
 fuscomanus, v. 51
 yellow headed, v. 50
 Tarsiers, i. 230
 Tarsius, i. 230; v. 50
 Bankanus, v. 51
 Daubentonii, v. 50
 Fischerii, v. 51
 fuscomanus, v. 51
 Pallasii, v. 50
 spectrum, v. 50
 Tartarin, i. 218; v. 21
 Tatou apara, iii. 256; v. 276
 black, iii. 257
 eight-banded, v. 276
 giant, iii. 258; v. 277
 great, iii. 258; v. 277
 mataco, v. 276
 mulet, v. 277
 mustelinus, v. 277. 282
 nine banded, v. 276
 noir, v. 276
 peba, iii. 257; v. 276
 pichiy, v. 279
 poyou, v. 278
 Tatou, six banded, iii. 257
 tatouay, v. 277
 three banded, iii. 256
 twelve banded, iii. 257
 velu, v. 279
 Tatouay, iii. 257
 Tatouhou, v. 276
 Tatous, iii. 255; v. 278
 Tatusies, v. 276
 Taupe, v. 108
 de Canada, v. 110
 des Dunes, v. 242
 grande, du cap, v. 242
 Taurelephantes, v. 372
 Taurine group, iv. 411
 Taurus, v. 375
 Taxus, v. 116
 meles, ii. 275
 Taytetou, v. 290
 Tekus Urrok, v. 229
 Teledu, ii. 305
 Telagon, v. 129
 Temary, v. 40
 Temnamazame, v. 355
 Tendrac, ii. 21. 207; v. 109
 Tenrac, varied, ii. 208
 Tenrec, ii. 21; v. 109
 radiated, ii. 22; v. 109
 Tenrecs, ii. 21. 206
 Tepemaxtla, v. 128
 Terrier, ii. 41. 331
 black and tan, v. 142
 Scotch, v. 143
 Tesbe, v. 331
 Teschichi, v. 141
 Tetracerine group, iv. 253
 Tetracerus, v. 343
 quadricornis, v. 344
 Thlaquatin, ii. 63
 Thur, v. 376
 Thybais nasuta, v. 195
 Thylacinus Harrisii, v. 192
 Thylaris obesula, v. 195
 Thyroptera, v. 86
 three coloured, v. 86
 tricolor, v. 86
 Tiger, v. 163
 American, ii. 51
 Bengal, ii. 440
 black, ii. 473
 clouded, ii. 449; v. 164
 hunting of India, ii. 52
 Iltis, v. 121
 nebulose, ii. 449
 royal, ii. 50. 440
 tortoiseshell, ii. 450; v. 164
 white, ii. 444
 Tigre, le, v. 163
 Tigris Americana, v. 164

- Tigris fulva*, v. 163
Titi, i. 226. 312; v. 33
 de Carthagène, v. 43
Tjuja Tue, v. 298
Tolai, v. 267
Tolypeutes, v. 276
Tonatia, v. 71
Tong, v. 298
Touan, ii. 66; iii. 33; v. 190
Tragelaphine group, iv. 272
Tragelaphus, v. 350. 360
Trago camelus, iv. 21
Traguline group, iv. 247
Tragulus, v. 340
 memina, v. 302
Tragus moschiferus, v. 301
Trichecus, ii. 59. 511; v. 184. 377
 Australis, v. 379
 Borealis, v. 380
 manatus, iv. 431
 rosmarus, ii. 61. 512; v. 184
Troglodytes, v. 4
 niger, v. 4
Tseiran, iv. 20
Tucan, ii. 20
Tuhcui, v. 122
Tupaia, ii. 211; v. 106
 ferruginea, ii. 216; v. 106
 Javanica, ii. 211; v. 106
 press, ii. 211
 tana, ii. 211; v. 106
Tupai, v. 257
Turnspit, ii. 336; v. 139
 crooked-legged, v. 139
Tutucuri, ii. 291
Tzebi, v. 332
Tzeiran, iv. 20; v. 324. 332

Unau, iii. 254. 275; v. 275
 little, v. 275
Unicorn, v. 329
 sea, v. 337
Urchin, ii. 162
Urksuk, v. 178
Urson, iii. 88. 206; v. 263
Ursus, ii. 26; v. 111
 albus, v. 112
 Americanus, ii. 27. 230; v. 112
 Arctos, ii. 26. 217; v. 111
 carnivorus, ii. 29; v. 114
 candescens, ii. 229; v. 112
 cinereus, v. 112
 ferox, v. 112
 gulo, ii. 31. 276; v. 117
 horribilis, v. 112
 Indicus, v. 118
 labiatus, ii. 238; v. 113
 Labradoricus, v. 116

Ursus longirostris, v. 113
 lотор, ii. 28. 246; v. 114
 luscus, ii. 32; v. 117
 luteolus, ii. 228
 Malayanus, ii. 236; v. 113
 marinus, v. 182
 maritimus, ii. 28. 232; v. 112
 meles, ii. 31; v. 116
 niger Americanus, v. 112
 niger Europæus, v. 111
 Thibetanus, ii. 243; v. 113
Urus, iv. 29; v. 376
 fossil, iv. 414
 white, iv. 417
Uyyol, v. 310

Vache brune, petite, v. 335
 marine, v. 378
Vampyre, ii. 9
 bearded of Sphinx, v. 72
 soricine of Sphinx, v. 72
 two-toothed of Sphinx, v. 72
Vampyrus, v. 71
 bidens, v. 72
 cirrhosus, v. 72
 soricinus, v. 72
 spectrum, v. 71
Vansire, v. 157
Vari, i. 228; v. 44
Varieties, intellectual, i. 170
Venegas, v. 359
Vespertilio, ii. 3. 14; v. 87
 acetabulosus, ii. 8; v. 65
 adversus, v. 92
 albescens, ii. 156; v. 96
 Americanus, ii. 126
 Americanus vulgaris, v. 70
 auritus, ii. 14. 152; v. 97
 barbastellus, ii. 147; v. 97
 Bechstein's, v. 95
 black, v. 96
 Borbonicus, ii. 154; v. 94
 bordered-eared, v. 94
 Bourbon, ii. 154; v. 94
 Brasiliensis, v. 94
 Carolinensis, ii. 143; v. 93
 cephalotes, ii. 113; v. 59
 cornutum, v. 71
 Daubentonii, v. 96
 dingy, v. 94
 discolor, v. 94
 emarginatus, ii. 153; v. 94
 ferrum equinum, ii. 11; v. 76
 Hardwickii, v. 92
 hastatus, ii. 9. 126; v. 69
 Hilarii, v. 91
 hippocrepis, v. 76
 hipposideros, ii. 11; v. 76

- Vespertilio*, *hispidus*, ii. 12. 137; v. 80
imbricatus, v. 93
indented, v. 91
ingens, ii. 107; v. 55
kirivoula, v. 90
Kuhlii, v. 95
levis, v. 92
lasiopterus, ii. 155; v. 89
lasiurus, ii. 154; v. 90
Leisler's, v. 95
leporinus, ii. 139; v. 67
lepturus, ii. 12; v. 82
major vulgaris, v. 88
marsupialis, v. 82
maugei, v. 97
maximus, ii. 155
microphyllus, ii. 12; v. 81
minor, ii. 152
minutus, v. 76
molossus, v. 60
murinus, ii. 13. 142; v. 88
myotis, v. 88
mysticinus, v. 94
nasutus, v. 91
Nattererii, v. 95
nigrita, ii. 154; v. 90
noctula, ii. 13. 144; v. 88
Novaboracensis, ii. 155; v. 98
perspicillatus, ii. 9. 126; v. 69
pictus, ii. 153; v. 90
pipistrellus, v. 89
plicatus, ii. 8. v. 64
polythrix, v. 91
proterus, v. 89
pygmaeus, v. 91
red, v. 96
red brown, v. 94
ruber, ii. 156; v. 96
Schreiber's, v. 95
serotinus, ii. 13. 150; v. 88
shaggy, v. 96
silvery, v. 96
smooth, v. 92
soricinus, ii. 10; v. 73
spama, ii. 11; v. 75
spectrum, ii. 9; v. 71
speoris, ii. 11; v. 77
Temminckii, v. 92
Ternatanus, v. 90
Timorensis, ii. 154; v. 98
tralatitius, v. 93
transposed, v. 93
vampyrus, ii. 102; v. 55
villosissimus, ii. 155; v. 96
- Vespertilionidæ*, v. 54
Vicognes, v. 300
Vicugna, v. 300
Vicunna, iv. 58; v. 300
- Viduita*, i. 320; v. 33
Vigogne, iv. 6
Viscaccia, v. 272
Viscache, iii. 230; v. 272
Vison, ii. 295; v. 124
Viverra, ii. 45; v. 152
bentourong, v. 160
bondar, v. 155.
Cafra, ii. 47; v. 157
Capensis, v. 118
caudivolvula, ii. 30; v. 115
chinga, v. 127
civetta, ii. 46. 381; v. 152
conepatl, v. 127
fasciata, ii. 46; v. 154
fossa, ii. 390; v. 154
galera, v. 157
genetta, ii. 46; v. 154
gracilis, v. 160
hyenoides, ii. 390; v. 156
ichneumon, ii. 47; v. 156
Indica, v. 155
Lesang, v. 160
maculata, v. 193
Malacensis, v. 154
mapurito, v. 128
marputio, v. 127
mellivora, ii. 33; v. 118
mephitis, v. 127
mongoz, v. 156
mungos, ii. 47
musanga, ii. 416; v. 159
narica, ii. 29
nasica, v. 115
nasua, ii. 29. 253
nigra, v. 159
prehensile, v. 159
putorius, v. 127
Quasje, v. 115
rase, ii. 383; v. 153
rufa, v. 115
striata, v. 127. 155
suricate, ii. 404
tetradactyla, ii. 48. 404; v. 158
tigrina, v. 154
vittata, ii. 32. 277; v. 117
zenick, v. 158
zibetha, ii. 46; v. 153
zorilla, ii. 35. 291; v. 123
- Viverræ*, ii. 377
Vohangshira, v. 157
Volitantia, i. lxxix.
Vulpes, v. 147
alopex, v. 147
Americanus, v. 114
cærulescens, v. 149
Vulpes, *crucigera*, v. 147
vulgaris, v. 147

- WA WAS KEESKO**, v. 308
Wadan, v. 372
Walrus, Indian, v. 380
Wapiti, iv. 96; v. 308
Wargul, v. 132
Wasser maus, v. 209
Weasel, ii. 35; v. 121
 Altaican, v. 120
 American mephitic, v. 127
 Cape, v. 118
 chestnut, v. 125
 common, ii. 289, v. 121
 fasciated, v. 155
 Fischer, ii. 297; v. 125
 Fizzler, v. 118
 fossane, v. 154.
 great, of Azara, v. 118
 grey-headed, v. 126
 Guiana, v. 126
 honey, v. 118
 Madagascar, v. 157
 mephitic, v. 129
 musky, v. 126
 Pekan, ii. 296; v. 124
 Perouasca, v. 121
 sable, v. 124
 Sarmatian, ii. 288; v. 121
 Siberian, ii. 291; v. 122
 slender-toed, v. 126
 South American, v. 126
 striated, v. 127
 white-cheek, v. 126
 white-eared, ii. 297; v. 126
 woolly, v. 126
Weasels, mephitic, ii. 297
Wha topoa voo, v. 197
Whale, bossed, v. 390
 common, iv. 441. 491; v. 389
 knotted, v. 390
 pike-headed, v. 478
Whales, iv. 440
 proper, iv. 493
Whistler, iv. 435
Wilde paarde, iii. 468
Witfisch oder weissfisch, v. 386
Wizend, v. 373
Wolf, ii. 41. 348; v. 144
 Antarcticus, v. 145
 black, ii. 42. 348; v. 144
 crab, v. 145
 golden, ii. 42
 Java, v. 144
 Mexican, ii. 350
 red, ii. 42; v. 144
 Wolf, sea, ii. 58; v. 176
 Wolverene, ii. 32; v. 117
 Wombat, ii. 78; iii. 50; v. 206
 Wombatus, v. 206
 Woodchuck, v. 245
 Wou wou, i. 209. 254, 258; v. 6
 Wow wow, v. 6.
XE, v. 301
Xolsitzaintli, v. 145

YACK, iv. 30
Yagouare, v. 127
Yagouarete, v. 164
Yagouaroundi, ii. 486; v. 170
Yamus, v. 372
Yapock, v. 192
Yarke, i. 225; v. 36
Yarque, v. 37
Yazmur, v. 327
Yerbua Capensis, v. 243
 Indica, v. 239
Y'Gann, v. 365
Yogouy, v. 280
Yzard, iv. 22; v. 353

ZAMOUSE, v. 371
Zebra, iii. 343. 465; v. 295
 femelle, v. 295
 Indica, v. 296
Zebu, common, iv. 425
Zemni, iii. 161
Zenick, ii. 48
Zerda, i. 332; v. 152
Zibet, ii. 46. 381; v. 153
Zikel, iii. 81
Zizel, v. 246
Zocor, iii. 69
Zokor, v. 216
Zomba, iv. 327
Zomer, v. 321
Zoology, rise and progress of, i. xiii.
Zoreille, v. 123
Zorille, ii. 35. 291; v. 127
Zorillo, ii. 291; v. 123
Zorra, ii. 297; v. 125. 128
Zubr, iv. 29
Zumni sleeper, iii. 78
Zunu, iv. 327
Zuraphate, v. 321
Zurnapa, v. 321

A V E S.

Abou Duch'n, vi. 192
 hannes, viii. 359
 Acahé, vii. 180
 Acanthiza, vi. 470
 Buchanani, vi. 471
 frontalis, vi. 471
 nana, vi. 470
 pusilla, vi. 471
 pyrrhopygia, vi. 471
 reguloides, vi. 471
 Accentor, vi. 465; vii. 7. 35
 Europæan, vi. 466
 modularis, vii. 37
 montanellus, vi. 466; vii. 39
 Accipiter, vi. 53. 236
 Delafonii, vi. 239
 ruficaudus, vi. 62
 Accipitres, vi. 14
 suppl. on the, vi. 156
 Acridotheres, vi. 422
 Adjutant, viii. 505
 Ægotheles, vii. 80
 Ærithina atricapilla, vi. 449
 Agami, viii. 327. 469
 Agelaius, vii. 168; viii. 688
 badius, vii. 171
 chrysopterus, vii. 167
 cyanopus, vii. 171
 frontalis, vii. 171
 guirahuro, vii. 169
 longirostris, vii. 171
 pyrrhopterus, vii. 171
 ruficapillus, vii. 171
 textor, vii. 131
 virescens, vii. 171
 Aiaiai, viii. 508
 Aigle autour huppé, vi. 43
 de la Guiane, grand, vi. 42
 petit, vi. 43
 moyen de la Guyane, vi. 45
 Ajaja, viii. 512
 Akbobas, vi. 187
 Alauda, vii. 116
 Africana, vi. 479; vii. 119
 Alpestris, vii. 118. 210
 apiata, vii. 117. 210
 arborea, vii. 117. 207
 arvensis, vi. 116

Cuv. Index.

Alauda bifasciata, vii. 119
 bilopha, vii. 119. 212
 brachydactyla, vii. 117. 209
 calandra, vii. 118
 campestris spinoletta, vi. 478
 Capensis, vi. 479
 cinerea, vii. 120
 crassirostris, vii. 119
 cristata, vii. 116. 205
 crocea, vii. 119
 cunicularia, vii. 119
 Deserti, vii. 119
 flava, vii. 118
 fulva, vi. 479
 Gingica, vii. 120
 Italica, vii. 117
 Ludoviciana, vi. 479
 Lusitania, vi. 479
 magna, vii. 118. 173
 Malabarica, vii. 120
 melanocephala, vii. 119
 minor, vi. 477
 mirafa, vii. 119
 Mosellana, vi. 478
 mutabilis, vii. 118
 nemorosa, vii. 117
 Novæ Zealandiæ, vii. 120
 obscura, vi. 478
 pratensis, vi. 477
 pyrrhonotha, vii. 117
 rubra, vi. 479
 rufa, vi. 479
 rufescens, vi. 478; vii. 119
 rufipilea, vii. 118
 Senegalensis, vii. 120
 Sibirica, vii. 118
 spinoletta, vi. 479
 Tatarica, vii. 118
 trivialis, vi. 477
 undata, vii. 117
 Yeltoniensis, vii. 120
 Albatross, viii. 571
 brown, viii. 572
 chocolate, viii. 572
 eye-streaked, viii. 572
 short-tailed, viii. 572
 sooty, viii. 572. 573
 wandering, viii. 571

H

- Albatross, yellow-nosed, viii. 573
 Albatrosses, viii. 642
 Alca, viii. 556. 558
 antiqua, viii. 558
 Arctica, viii. 556
 Balthica, viii. 559
 cirrhata, viii. 557
 cristatella, viii. 557. 636
 impennis, viii. 559. 637
 Labradoria, viii. 556
 minor, viii. 559
 pica, viii. 559
 psittacula, viii. 557. 635
 pygmæa, viii. 557
 sulcata, viii. 559
 tetracula, viii. 557
 torda, viii. 559. 636
 Alcedo, vii. 407; 424
 Ægyptia, vii. 413
 Afra, vii. 408
 halcyon, vii. 408
 Amazonia, vii. 413
 Americana, vii. 409
 Asiatica, vii. 410
 atricapilla, vii. 410
 Bengalensis, vii. 409
 bicolor, vii. 408
 biru, vii. 410
 cærulea, vii. 413
 cæruleocephala, vii. 409
 cancrophaga, vii. 411
 Capensis, vii. 410
 Cayanensis, vii. 413
 chlorocephala, vii. 411
 cinereifrons, vii. 410
 collaris, vii. 413
 Coromandelica, vii. 411
 cristata, vii. 409
 crithaca, vii. 413
 dea, vii. 411
 diops, vii. 412
 flavicans, vii. 413
 fusca, vii. 413. 426
 galbula, vii. 436
 gigantea, vii. 413. 426
 grandis, vii. 437
 ispida, vii. 407
 leuchoryncha, vii. 413
 leucocephala, vii. 411
 maculata, vii. 413. 473
 Madagascariensis, vii. 409
 melanoptera, vii. 413
 melanoryncha, vii. 412
 meninting, vii. 414
 Novæ Guineæ, vii. 413
 omnicolor, vii. 412
 purpurea, vii. 409
 rudis, vii. 408
 sacra, vii. 413. 428
 Alcedo, semitorquata, vii. 410
 Senegalensis, vii. 411
 Smyrnensis, vii. 410
 superciliosa, vii. 409
 Surinensis, vii. 413
 torquata, vii. 408
 tridactyla, vii. 414
 tribrachys, vii. 414
 tuta, vii. 413
 venerata, vii. 413
 Alcyon tridactyla, vii. 438
 Alectelie de Durville, viii. 401
 Alectors, viii. 2. 96
 Alecturus, vi. 354
 tricolor, vi. 354
 Alouette à gros bec, vii. 119
 sentinelle, vi. 479
 Amblyramphus tricolor, vi. 173
 Ammadovamus, vii. 149
 bimaculatus, vii. 149
 Ampelis, vi. 358. 503
 Americana, vi. 365
 astropurpurea, vi. 361
 aureola, vi. 361
 cærulea, vi. 360
 carnifex, vi. 359
 carunculata, vi. 366. 505
 Cayana, vi. 360
 cinerascens, vi. 361
 cinerea, vi. 359
 cotinga, vi. 360
 cristata, vi. 360
 cucullata, vi. 366
 cuprea, vi. 360. 361
 fusca, vi. 360
 garrulus, vi. 364
 garrulus, var. vi. 365
 hypopyrra, vi. 361
 lutea, vi. 355; viii. 683
 Maynana, vi. 360
 nudicollis, vi. 266
 Pompadour, vi. 360
 purpurea, vi. 361
 tersa, vi. 360
 umbellata, vi. 358
 variegata, vi. 360. 366
 Anabates, vii. 346. 388
 amaurotis, vii. 346
 atricapillus, vii. 347
 cristatus, vii. 347
 erythrophthalmus, vii. 347
 leucophthalmus, vii. 347
 rufifrons, vii. 347
 striolata, vii. 347
 Anadorhynchus Maximiliani, vii. 482
 Anas, viii. 597. 607. 616. 657
 acuta, viii. 618
 adunca, viii. 619
 Africana, viii. 613

Anas albeola, viii. 611

- albifrons, viii. 602
- Alexandrini, viii. 625
- anser, viii. 600. 601
- Antarctica, viii. 605
- Arabica, viii. 625
- arborea, viii. 620
- arcuata, viii. 623
- atrata, viii. 599
- autumnalis, viii. 620
- Bahamensis, viii. 622
- Beringii, viii. 603
- bicolor, viii. 616. 624
- Borealis, viii. 625
- boschos, viii. 619
- brachyptera, viii. 609. 665
- Brasiliensis, viii. 624
- bucephala, viii. 611
- cana, viii. 606. 622
- Canadensis, viii. 599. 600
- candidus, viii. 603
- Capensis, viii. 624
- caryophyllacea, viii. 614
- casarea, viii. 622
- cineraceus, viii. 608
- cinerea, viii. 609
- circia, viii. 623
- clangula, viii. 610
- clypeata, viii. 616. 669
- Coromandelica, viii. 606
- coscoroba, viii. 603
- cristata, viii. 614. 624
- curvirostra, viii. 619
- cyanirostris, viii. 624
- cyanoptera, viii. 624
- cygnoides, viii. 600
- cygnus, viii. 660
- Damiatica, viii. 625
- discors, viii. 671. 624
- dispar, viii. 615
- Dominica, viii. 614
- Dominicana, viii. 625
- Egyptica, viii. 604
- epicuteri, viii. 624
- erythropos, viii. 604
- fasciata, viii. 617
- ferina, viii. 612. 668
- ferruginea, viii. 615
- flavirostris, viii. 624
- formosa, viii. 624
- frænata, viii. 613
- fuligula, viii. 614
- fulva, viii. 615
- fusca, viii. 608
- fuscescens, viii. 624
- galericulata, viii. 619
- Gambensis, viii. 600
- gattair, viii. 625
- Georgica, viii. 624

Anas gerra, viii. 620

- glacialis, viii. 609
- glaucion, viii. 610
- Gmelini, viii. 616
- grandis, viii. 603
- Hina, viii. 624
- histrionica, viii. 610
- hybrida, viii. 603
- hyperborea, viii. 608
- Indica, viii. 603
- Islandica, viii. 615
- jaspidea, viii. 624
- Javanica, viii. 623
- jubata, viii. 621. 670
- Kalmani, viii. 624
- Kekuschka, viii. 625
- Labradora, viii. 615
- leucomelas, viii. 621
- leucophthalmos, viii. 613. 669
- leucoptera, viii. 605. 608
- lobata, viii. 609
- maculirostris, viii. 620
- Madagascariensis, viii. 606
- Magellanica, viii. 605
- Manillensis, viii. 624
- marila, viii. 613
- melanocephalus, viii. 599
- melanoleuca, viii. 621
- melanorhynchos, viii. 617
- melanotis, viii. 601
- melanura, viii. 624
- membranacea, viii. 617
- mersa, viii. 608
- minuta, viii. 610
- mollissima, viii. 611
- monacha, viii. 625
- montana, viii. 603
- moschata, viii. 618
- nigra, viii. 607. 665
- nigricollis, viii. 599
- Nilotica, viii. 618
- Novæ Hispaniæ, viii. 624
- Novæ Hollandiæ, viii. 617
- Nyroca, viii. 613
- obscura, viii. 622
- paturi, viii. 623
- Penelope, viii. 621
- perspicillata, viii. 608
- picta, viii. 606
- platalea, viii. 624
- Plutonia, viii. 599
- pæcilorhynchos, viii. 622
- punctata, viii. 616
- querquedula, viii. 623
- radjah, viii. 621
- regia, viii. 618
- rhynchotis, viii. 617
- rubida, viii. 615
- rubrirostris, viii. 624

- Anas rufa*, viii. 612
 ruficollis, viii. 605
 rufina, viii. 612
 rutila, viii. 622
 sarai, viii. 625
 scandiaca, viii. 614
 segetum, viii. 602
 semipalmata, viii. 621
 Sili, viii. 623
 sisæir, viii. 625
 spectabilis, viii. 611
 spinicauda, viii. 624
 spinosa, viii. 614
 sponsa, viii. 620
 stelleri, viii. 615
 strepera, viii. 621
 superciliosa, viii. 624
 tadorna, viii. 617
 torquata, viii. 605. 610. 624
 typus, viii. 353
 tzitzichoa, viii. 624
 valisneria, viii. 615
 variegata, viii. 606
 versicolor, viii. 624
 viduata, viii. 620. 671
 virgata, viii. 616
Anastomus, viii. 353. 510
 albus, viii. 353
 cinereus, viii. 353
Anhima, viii. 398
Anhinga, viii. 595
 Levaillant, viii. 596
Aningas, viii. 655
Ani, vii. 476. 541
Animals, Oviparous vertebrated, vi. 1
 second class of vertebrated vi. 3
Annumbi, vii. 354
Anser, viii. 601
 bernicla, viii. 604
 cærulescens, viii. 603
 cineraceus, viii. 602
 cinereus, viii. 602
 hyperboreus, viii. 603
 jubatus, viii. 603
 leucopsis, viii. 603
 medius, viii. 602
 rufescens, viii. 602
Anseranas, viii. 621
Ant-catcher, rocky mountain, vi. 409
 red-bellied, vi. 545
Anteaters, vi. 399. 543
 king of the, vi. 403
Anthochæra, vi. 413
 Lewinii, vi. 413
Anthochæres, vi. 416
Anthropoides, viii. 329
 Stanleyanus, viii. 330
Anthus, vi. 477; vii. 55
 aquaticus, vi. 478
Anthus arboreus, vi. 477
 Australis, vi. 479
 breviunguis, vi. 477
 campestris, vi. 478
 Chi, vi. 480
 fuliginosus, vi. 480
 Ludovicianus, vi. 479
 minimus, vi. 480
 montanus, vi. 478
 pallescens, vi. 480
 pratensis, vi. 477
 Richardi, vi. 479
 rufescens, vi. 480
 rupestris, vi. 478
 sepiarius, vii. 56
 spinoletta, vi. 479
Ant-thrush, black, vi. 284
 long-legged, vi. 283
 white-legged, vi. 283
 white-shouldered, vi. 283
 black-throated, vi. 284
 white-spotted, vi. 284
Aptenodytes, viii. 559. 560. 636
 Antarctica, viii. 562
 Australis, viii. 563
 catarrhactes, viii. 561
 Chiloensis, viii. 562
 chrysocoma, viii. 561. 638
 demersa, viii. 563. 639
 hirsutus, viii. 562
 lanatus, viii. 562
 Magellanica, viii. 562
 minor, viii. 562
 molinæ, viii. 562
 Papua, viii. 561
 Patagonica, viii. 638. 538
 torquata, viii. 563
Apteryx, viii. 300. 562
 Australis, viii. 563
 southern, viii. 563
Apus, vii. 57
Aquape, viii. 395
Aquapeazo terutero, viii. 464
Aquapeccaca, viii. 395
Aquapuazos, viii. 395
Aquila, vi. 33. 43
 Buson, vi. 67
 chrysaëtos, vi. 225
 fucosa, vi. 230
 heliaca, vi. 34
 picta, vi. 44
 intermedia, vi. 35
Ara, vii. 481
 gris à trompe, vii. 505
Ara, noir à trompe, vii. 505
Aracari, vii. 479
 grooved-bill, vii. 480
Arachnothera inornata, vii. 367
 longirostra, vii. 367

Archnotheres, vii. 366. 393
 Arada, vi. 544; vii. 45
 Aramus, viii. 333. 479
 carau, viii. 333. 479
 Araponga, vi. 366
 Arara purpureo dorsalis, vii. 483
 Ararauna, vii. 482
 Aras, vii. 481. 574
 Aratamus, vi. 287
 cinereus, vi. 287
 fuscus, vi. 288
 lineatus, vi. 287
 minor, vi. 287
 Aratinga, Carolinæ, vii. 488
 chrysocephalus, vii. 484
 luteus, vii. 484
 Ardea, viii. 335
 affinis, viii. 341
 agami, viii. 341
 alba, viii. 338. 346. 491
 albicollis, viii. 340
 Americana, viii. 331
 Antigone, viii. 331. 332
 Ardisiaca, viii. 342
 argala, viii. 350. 505
 atricollis, viii. 337
 Australis, viii. 347
 badia, viii. 345
 badra, viii. 345
 bicolor, viii. 341
 bilineata, viii. 347
 botaureulus, viii. 340
 botaureus, viii. 491
 Brasiliensis, viii. 344
 bubulculus, viii. 341
 bubulcus, viii. 340
 bullaranjaus, viii. 337
 cœrulea, viii. 341. 342. 344
 cœrulescens, viii. 337. 342
 Caledonica, viii. 346
 Canadensis, viii. 331
 candida, viii. 339
 candidissima, viii. 340
 carunculata, viii. 332
 Caspica, viii. 489
 castanea, viii. 340
 Cayennensis, viii. 346
 chrysopelargus, viii. 349
 ciconia, viii. 349. 495
 cinerea, viii. 336. 485
 cinnamomea, viii. 347
 cocoi, viii. 336
 comata, viii. 339
 cornuta, viii. 341
 Coromandelica, viii. 341. 353
 cracca, viii. 345
 cyanocephala, viii. 346
 cyanopus, viii. 342
 cyanura, viii. 344

Ardea Danubialis, viii. 337. 347. 490
 dubia, viii. 350. 505
 egretta, viii. 338. 491
 egrettoides, viii. 339
 equinoctialis, viii. 341
 erythromelas, viii. 347
 erythropus, viii. 340
 exilis, viii. 347
 fasciata, viii. 338
 ferruginea, viii. 345
 flava, viii. 338
 flavicollis, viii. 342
 flaviostris, viii. 339
 fusca, viii. 341
 fuscicollis, viii. 344
 Gardeni, viii. 345
 garzetta, viii. 338. 490
 gigantea, viii. 331
 grisea, viii. 345
 grus, viii. 330
 gularis, viii. 340
 helias, viii. 333. 480
 Herodias, viii. 336
 hoactli, viii. 345
 Ibis, viii. 341
 involucris, viii. 347
 Jamaicensis, viii. 345. 346
 Javanica, viii. 344
 jugularis, viii. 340
 lamelliger, viii. 353
 leuce, viii. 339
 leucocephala, viii. 340
 leucoceranus, viii. 331
 leucogaster, viii. 341
 leuconotus, viii. 344
 leucops, viii. 342
 leucoptera, viii. 343
 lineata, viii. 338
 Ludoviciana, viii. 337
 Macquari, viii. 336
 maculata, viii. 345. 348
 Maguari, viii. 349. 507
 major, viii. 336. 485
 Malaccensis, viii. 340. 343
 marmorata, viii. 338
 Marsiglii, viii. 340
 martook, viii. 340
 melanocephala, viii. 337
 melanoptera, viii. 348
 minor, viii. 343
 minuta, viii. 337. 347. 490
 misata, viii. 355
 mokoho, viii. 344
 monticola, viii. 489
 Nævia, viii. 338. 345
 nigra, viii. 342. 349
 Novæ Guinææ, viii. 337
 Novæ Hollandiæ, viii. 342
 nycticorax, viii. 345. 493

- Ardea obscura*, viii. 345
Pacifica, viii. 337
palliat, viii. 337
pavonia, viii. 329
pavonina, viii. 473
Pealii, viii. 339
perciptera, viii. 343
Philippensis, viii. 344
pileata, viii. 346
Pondiceriana, viii. 353
pumila, viii. 340
purpurata, viii. 489
purpurea, viii. 336. 489. 491
pusilla, viii. 348
radiolata, viii. 344
rallolides, viii. 340
rufescens, viii. 341
ruficapilla, viii. 341
rugata, viii. 341
russata, viii. 340
scapularis, viii. 344
scolopacea, viii. 404
scolopax, viii. 333
segetacea, viii. 346
Senegalensis, viii. 340
sibilatrix, viii. 346
Sinensis, viii. 347
soco, viii. 338. 344
Sologniensis, viii. 347
squaiotta, viii. 340
Sparmanii, viii. 346
speciosa, viii. 342
stellaris, viii. 343. 491
Sturmi, viii. 347
Tayazu Guera, viii. 345
tigrina, viii. 338
torquata, viii. 345
Tranquebarica, viii. 343
undulata, viii. 344
variegata, viii. 347
violacea, viii. 346
virescens, viii. 337
virgo, viii. 329. 475
xanthodactyla, viii. 338
Ardeola, viii. 344. 347
Arenaria, viii. 378. 385
Argus, viii. 24. 235
pavoninus, viii. 24
Arremon, vi. 318; vii. 136
torquatus, vi. 318
Arrian, vi. 16
Astrapia, vi. 395
Astur, vi. 48. 236
approximans, vi. 49
fasciatus, vi. 49
Raii, vi. 49
Asturina, vi. 48
cinerea, vi. 48
Atites, viii. 391
Attagas, viii. 36
Attagen, viii. 36. 41
Auk, ancient, viii. 558
great, viii. 636. 637
perroquet, viii. 557. 635
puffin, viii. 634
razor-billed, viii. 636
snowy, viii. 557
tufted, viii. 557. 635
Autour de Cayenne, petit, vi. 47
huppé, vi. 45
Autours, vi. 48
Aves, vi. 1
division of the class into orders, vi. 11.
Avis tarda, viii. 451
Avoset, American, viii. 394
black-necked, viii. 393
long-legged, viii. 393
New Holland, viii. 394
Oriental, viii. 394
red-necked, viii. 394
white, viii. 375
Avosets, viii. 393. 535
Ayam-alas, viii. 223
bankiva, viii. 219
Aythia, viii. 612
Azurin, vi. 400
Azurous, l', vi. 331. 341
Bacha, vi. 62
Baglafaecht, vii. 230
Baguari, viii. 507
Balbuzard, vi. 39
Balbuzzard, vi. 231
Baltimore, vii. 168
Barbacous, vii. 463. 538
Barbet à ventre rose, vii. 467
bearded, vii. 469
beautiful, vii. 469
black-breasted, vii. 470
black-throated, vii. 469
blue-semicollared, vii. 471
blue-throated, vii. 468. 471
Cayenne, vii. 470
collared, vii. 472. 539
elegant, vii. 469
great, vii. 468
green, vii. 468
Latham's, vii. 468
little, vii. 470
olive, vii. 471
party-coloured, vii. 471
Peruvian, vii. 470
red-collared, vii. 471
red-crowned, vii. 469
red-necked, vii. 469
red-rumped, vii. 470

Barbet, rosy, vii. 469
 yellow-cheeked, vii. 470
 yellow-fronted, vii. 468
 yellow-mustache, vii. 471
 yellow-throated, vii. 468
 wax-bill, vii. 463
 white-breasted, vii. 470
 Barbets, vii. 466. 538
 Barbican, Abyssinian, vii. 467
 black-bellied, vii. 466
 black-throated, vii. 467
 Burchell's, vii. 467
 groove-billed, vii. 466
 masked, vii. 467
 red, vii. 467
 smooth-billed, vii. 467
 Barbicans, vii. 466
 Barge brune, viii. 386
 Barita, vi. 288
 destructor, vi. 290
 anaphonensis, vi. 289
 Barker, of Albin, viii. 387
 Baryphonus, vii. 423
 Basacaraguay, vii. 47
 Batara, vi. 272
 aconaledo, vi. 282
 agallaspeladus, vi. 379
 gola nigra, vi. 280
 le grand, vi. 272
 lisado, vi. 281
 mordoré, vi. 273
 negro y aplomado, vi. 279
 noire et plumbe, vi. 273
 obscuro y negro, vi. 282
 pardo dorado, vi. 280
 rayé, vi. 272
 roxa, vi. 282
 Batteleur, le, vi. 64
 Bec ouvert à lame, viii. 353
 Becards, vi. 290. 487
 Becafico, vi. 502
 Bec figue, vi. 502
 Becfins, vii. 3
 Becquefigue, vi. 478
 Bee-eater, Bullock's, vii. 404
 Cayenne, vii. 402
 chestnut, vii. 401
 common, vii. 400. 422
 Coromandel, vii. 403
 Cuvier's, vii. 402
 Indian, vii. 401
 Lamarck's, vii. 402
 Leschenault's, vii. 404
 Malimbic, vii. 403
 Philippine, vii. 402
 pirik, vii. 404
 red-throated, vii. 403
 red-winged, vii. 402. 404
 ruffed, vii. 403

Bee-eater, Sumatran, vii. 422
 superb, vii. 401
 supercilious, vii. 401
 swallow-tailed, vii. 404
 varied, vii. 403
 variegated, vii. 401
 wattle, vi. 413
 yellow-tufted, vi. 416
 Bee-eaters, vii. 400. 420
 Beefeater, vii. 317
 Beefeaters, vii. 164
 Bequefigue, vi. 339
 Bergeronnette à guimpe, vi. 475
 de printemps, vi. 476; vii. 51.
 54
 Bernacle, viii. 604
 Bernacles, viii. 603. 663
 Bernicla Canadensis, viii. 600
 torquata, viii. 604
 Bethyles, vi. 295. 488
 Bethylus, vi. 295
 Bibio, viii. 475
 Bibombi, vii. 103
 Bidens, vi. 31
 Bigotillus, vi. 337
 Bird, Brown's tailor, vi. 469
 cat, vi. 385
 cedar, vi. 365
 crisped paradise, vii. 192
 doubtful paradise, vii. 192
 emerald-breasted paradise, vii.
 192
 frigate, viii. 592
 frosted paradise, vii. 192
 of God, vii. 339
 gold-breasted paradise, vii. 190
 golden paradise, vii. 191
 hackled paradise, vii. 192
 indigo, vii. 148
 king paradise, vii. 190. 342
 magnificent paradise, vii. 190
 man of war, viii. 572
 mocking, vi. 385
 of paradise, great, vii. 189, 341
 of paradise, Parkinson's, vi. 426
 trumpet, viii. 328. 470
 twelve-wired paradise, vii. 192
 wattle, vii. 184
 white-wing tailor, vi. 469
 widow, vii. 228
 of paradise, red, vii. 189
 Pharaoh's, vi. 20
 southern bristle, vi. 470
 snow, vii. 148
 summer red, vi. 315
 superb paradise, vii. 191
 Birds, first order of, vi. 14
 gallinaceous, viii. 1
 of Lybia, viii. 476

- Birds of paradise, vii. 188, 338
 of prey, vi. 14
 of prey, diurnal, vi. 14
 of prey, noble, vi. 24
 of prey, nocturnal, vi. 69. 251
 of Scythia, viii. 476
 suppl. on, in general, vi. 87
 tropic, viii. 656
 widow, vii. 149. 228. 304
- Bittern, common, viii. 491
 lineated, viii. 338
 little, viii. 347. 490
 of Europe, viii. 343
 mokoho, viii. 343
 rayed, viii. 490
 tiger, viii. 338
 zigzag, viii. 344
- Bitterns, viii. 343
- Biziura, vii. 609
 Novæ Hollandiæ, viii. 609
- Blac, vi. 57. 243
- Blackbird, vi. 510. 530
 common, vi. 374
 rose-coloured, vi. 537
- Blackbirds, vi. 374. 530
- Blackcap, vii. 30
- Blanchot, le, vi. 266
- Blevine, viii. 400
- Blongosi, viii. 490
- Boatbill, viii. 334. 480
- Boatbills, viii. 480
- Bombycilla, vi. 504
 Canadensis, vi. 365
 cedrorum, vi. 365
- Bombyciphora, zanthocœlia, vi. 365
- Bombycivore, vi. 364. 504
- Bondrée huppée de Java, vi. 60
- Boobies, viii. 593. 653
- Booby, viii. 594
- Boubou, vi. 265
- Brachyptera, viii. 628
- Brachyptera, vii. 546
- Brachypterix, vi. 453
 montana, vi. 453
 sepiaria, vi. 453
- Brachypus, viii. 684
 murarius, vii. 58
- Bretonne, vii. 35
- Breve des Philippines, vi. 400
 blue-winged, vi. 402
- Breviette, viii. 370
- Brevipennes, viii. 294
- Brubru, viii. 677
- Brunoir, le, vi. 389
- Bubo, vi. 76
- Bucco, vii. 465. 467
 Africanus, vii. 462
 albifrons, vii. 463. 471
 armillaris, vii. 471
- Bucco aureo-virens, vii. 471
 barbiculus, vii. 469
 calcaratus, vii. 471
 Cayanensis, vii. 470
 chacuru, vii. 472
 chrysopogon, vii. 471
 cinereus, vii. 471
 collaris, vii. 472
 cyanops, vii. 468
 dubius, vii. 466
 elegans, vii. 469
 erythronotus, vii. 470
 flavifrons, vii. 468
 fuscus, vii. 463. 470
 grandis, vii. 468
 gularis, vii. 471
 Lathamii, vii. 468
 leucops, vii. 463. 471
 macrorhynchus, vii. 472
 marginatus, vii. 471
 Maynanensis, vii. 469
 melanoleucos, vii. 472
 mystacophanes, vii. 471
 niger, vii. 460
 nigrescens, vii. 471
 nigrifrons, vii. 563. 471
 nigrothorax, vii. 470
 parvus, vii. 470
 Peruvianus, vii. 470
 Philippensis, vii. 468
 roseus, vii. 469
 rubescens, vii. 467
 rubicauda, vii. 463
 rubicula, vii. 471
 rubricapillus, vii. 469
 rubricollis, vii. 469
 rufus, vii. 463. 471
 Saltii, vii. 467
 somnolentus, vii. 473
 striatus, vii. 463. 471
 strigillatus, vii. 472
 tamatia, vii. 472
 tenebrosus, vii. 471
 torquatus, vii. 463. 469
 versicolor, vii. 471
 viridis, vii. 468
 Zeylanicus, vii. 470
- Buceros, vii. 415. 430
 Abyssinicus, vii. 417
 Africanus, vii. 416
 albirostris, vii. 416
 albus, vii. 419
 ambigenas, vii. 419
 Bengalensis, vii. 418
 bicornis, vii. 417
 bucinator, vii. 416
 cassidix, vii. 416. 434
 cornutus, vii. 419
 coronatus, vii. 418

Buceros, enleirostris, vii. 418
 erythrovynchos, vii. 418
 exaratus, vii. 418
 fasciatus, vii. 418
 galeatus, vii. 419
 gingianus, vii. 417
 griseus, vii. 419
 hastatus, vii. 418
 hydrocorax, vii. 417
 Javanicus, vii. 418
 jubatus, vii. 419
 leucocephalus, vii. 417
 Malabaricus, vii. 416
 Malayanus, vii. 419
 Manillensis, vii. 418
 melanoleucus, vii. 418
 monoceros, vii. 416
 niger, vii. 416
 Orientalis, vii. 419
 Panayensis, vii. 417
 plicatus, vii. 419
 Rhinoceros, vii. 416
 ruber, vii. 419
 sulcatus, vii. 417
 undulatus, vii. 418
 violaceus, vii. 417
 viridis, vii. 419
 Budytes, vi. 476
 Bullfinch, vi. 297; vii. 158. 312
 Bullfinches, vii. 158. 312
 Bundullock, vii. 579
 Bunting, Amazon, vii. 129
 Angola, vii. 129
 barred-tailed, vii. 129
 black-crowned, vii. 129
 black-headed, vii. 128
 black-throated, vii. 129. 148
 Chinese, vii. 129
 cirl, vii. 125. 225
 commanding, vii. 127. 227; viii. 687
 common, vii. 126. 225
 crimson, vii. 131
 Dominican, vii. 149
 familiar, vii. 129
 foolish, vii. 125. 225
 gaur, vii. 130
 grey, vii. 129
 green, vii. 129
 Lapland, vii. 129
 Lesbian, vii. 126
 long-tailed, vii. 150
 Louisiana, vii. 129
 Mexican, vii. 129
 militaris, vii. 129
 mustachio, vii. 125
 olive, vii. 129
 Oonalaschka, vii. 129
 ortolan, vii. 226

Cuv. Index.

Bunting, painted, vii. 136
 Panayan, vii. 150
 passerine, vii. 125
 pine, vii. 128
 Plata, vii. 129
 red-rumped, vii. 151
 red-eyed, vii. 129
 reed, vii. 126. 225
 rusty, vii. 129
 Sandwich, vii. 130
 shaft-tailed, vii. 149
 snow, vii. 128. 227
 Surinam, vii. 130
 Towhe, vii. 129
 variegated, vii. 150
 whidah, vii. 150
 white-crowned, vii. 148
 yellow, vii. 125. 224
 yellow-bellied, vii. 136
 yellow-winged, vii. 129
 Buntings, vii. 124. 223
 Buphaga, vii. 164
 Africana, vii. 165
 Burhinus, viii. 322
 Busards of Cuvier, vi. 65
 Buseray, le, vi. 63
 Bustard, viii. 449
 Abyssinian, viii. 304
 African, viii. 303
 Arabian, viii. 303
 black-headed, viii. 304
 blue-necked, viii. 304
 Cape, viii. 305
 collared, viii. 303
 great, viii. 301. 450
 great-billed, viii. 307
 Indian, viii. 303
 little, viii. 301. 453
 marbled, viii. 305
 New Holland, viii. 305
 Nubian, viii. 303
 Passarage, viii. 304
 Rhoda, viii. 302
 ruffed, viii. 302. 454
 thick-kneed, viii. 306. 456
 white-ehinned, viii. 305
 white-eared, viii. 302
 Bustards, viii. 300
 Buteo, vi. 60
 cristatus, vi. 60
 melanoleucus, vi. 61
 vulgaris, vi. 246
 Buzzard, vi. 65
 black and white, vi. 61
 common, vi. 61. 246
 common honey, vi. 59. 247
 crested, vi. 60
 grey-checked, vi. 65
 hobby, vi. 63

- Buzzard, Java honey, vi. 60
 mantled, vi. 64
 Montague, vi. 66
 moor, vi. 66
 naked-cheeked, vi. 68
 Quoy's, vi. 68
 spotted, vi. 64
 whitish, vi. 64
 Buzzards, vi. 60. 244
 bald, vi. 39
 honey, vi. 59
 Buzzaret, vi. 63

 Caira, viii. 618
 Calandre, vii. 118. 211
 Calandrelle, vii. 117
 Calao, de waidjou, vii. 418
 Calidris, viii. 375. 529
 Callæas, vii. 185
 Calyptomena, vi. 428
 viridis, vi. 428
 Calyptorhynchus, vii. 494, 495
 Camouche, viii. 398
 Campephaga, vi. 362; viii. 683
 ferruginea, vi. 363
 flava, vi. 362
 leucomela, vi. 363
 niger, vi. 362
 Campycolurmus striotatus, vi. 408
 Camy camy, viii. 470
 Canard à bec tricolor, viii. 620
 Canary, vii. 272
 Canceroma, vii. 334. 480
 cochlearia, viii. 335. 481
 Canepetière, viii. 453
 Canepetrace, viii. 453
 Cangui, viii. 355
 Cap, black, vi. 444
 Cap-more, vii. 230
 Capito, vii. 463
 cyanocollis, vii. 468
 elegans, vii. 469
 maculatus, vii. 473
 melanotis, vii. 472
 rubrifrons, vii. 470
 Capocier, le, vi. 467
 Caprimulgi, vii. 104
 Caprimulgus, vii. 70
 acutus, vii. 77
 Ægypticus, vii. 72
 affinis, vii. 75
 albicollis, vii. 74
 albogularis, vii. 79
 Americanus, vii. 75. 78
 Asiaticus, vii. 75. 109
 brachypterus, vii. 74
 Brasilianus, vii. 76
 campestris, vii. 76
 Caprimulgus, Carolinensis, vii. 74
 Cayennensis, vii. 72
 cinerascens, vii. 76
 climaturus, vii. 73
 cornutris, vii. 78
 cornutus, vii. 112
 cyanus, vii. 72
 diurnus, vii. 76
 enicurus, vii. 77
 Europæus, vii. 71. 106
 forficatus, vii. 78
 furcatus, vii. 78
 furcifer, vii. 78
 gracilis, vii. 73
 grandis, vii. 71. 78
 griseus, vii. 73
 Guianensis, vii. 76
 guttatus, vii. 80
 hirundinaceus, vii. 73
 icteropus, vii. 72
 Indicus, vii. 76
 infuscatus, vii. 74
 Isabellinus, vii. 72
 Jamaicensis, vii. 77
 leucopygus, vii. 77
 leucurus, vii. 72
 longicaudatus, vii. 73. 77
 longipennis, vii. 79. 108
 macrodipterus, vii. 108
 macropterus, vii. 79
 macrourus, vii. 75
 manurus, vii. 79
 megacephalus, vii. 81
 nacunda, vii. 76
 Nattereri, vii. 73
 Novæ Hollandiæ, vii. 80
 pectoralis, vii. 75. 109
 popetue, vii. 78
 psalurus, vii. 78. 113
 rubicus, vii. 72
 rufitorquis, vii. 72
 rufus, vii. 74. 76
 rupestris, vii. 78
 semitorquatus, vii. 76
 sphenurus, vii. 74
 Strigoides, vii. 79
 torquatus, vii. 73. 74
 variegatus, vii. 75
 Virginianus, vii. 74. 78
 vittatus, vii. 79
 vociferus, vii. 71. 74
 Caracara, vi. 40; viii. 328. 470
 banded, vi. 41
 negro, vi. 41
 streaked, vi. 42
 yellow-headed, vi. 41
 Caraf, vii. 583
 Carau, viii. 333. 479
 Carbo, viii. 589

Carbo Brasilianus, viii. 591
 Desmaresti, viii. 592
 Javanicus, viii. 592
 Carburé, vi. 81
 Carduelis, vii. 139
 Caricaca, viii. 519
 cucullata, vii. 145
 Mexicanus, vii. 141
 Cariama, viii. 326. 467
 Brasilian, viii. 326
 Carouge, true-black, vii. 134
 Carouges, vii. 168. 319 320
 Caryocatactes, vii. 183
 Casmarrhynchos carunculatus, vi. 366
 nudicollis, vi. 366
 Cassicans, vi. 288. 487
 Cassicus, vii. 165
 angustifrons, vii. 166
 ater, vii. 166
 bifasciatus, vii. 165
 hæmorrhous, vii. 166
 nigerrimus, vii. 166
 viridis, vii. 166
 Cassique, vii. 165
 black and mantled, vii. 133
 noir, vii. 133
 Cafriques, vii. 165. 317
 Cassowary, viii. 297. 440
 galeated, viii. 297
 New Holland, viii. 298. 443
 Cassuwaris, viii. 298
 Cassyphus tristis, vi. 547
 Casuarii, viii. 297
 Novæ Hollandiæ, viii. 298
 Catarrhactes, viii. 561
 Catharista, vi. 20
 Cathartes, vi. 18. 19. 20
 aura, vi. 21
 monachus, vi. 20
 Catoptrophorus, viii. 389
 Catracas, viii. 129
 Cattaractes, viii. 638
 Caurale, viii. 479
 Cebblephyris, vi. 293. 361. 504; viii.
 683
 bicolor, vi. 362
 cana, vi. 362
 fimbriatus, vi. 363
 Javanensis, vi. 293
 Levaillantii, vi. 362
 lineatus, vi. 364
 lobatus, vi. 362
 Madagascariensis, vi. 362
 striga, vi. 294. 363
 tricolor, vi. 364
 Centropus, vii. 460
 æthiops, vii. 461
 ateralbus, vii. 461
 gigas, vii. 461

Centropus membiki, vii. 461
 nigro rufus, vii. 460
 rufinus, vii. 461
 Cephalopteres, vi. 358
 Cephalopterus ornatus, vi. 388
 Cephus, viii. 555. 633
 Cereopsis, viii. 606. 664
 cinereus, viii. 606
 New Holland, viii. 606
 Cerorhynca, viii. 558
 Occidentalis, viii. 558
 Certhia, vii. 348
 amethystina, vii. 360
 Antarctica, vii. 354. 384
 Asiatica, vii. 366
 atycapilla, vi. 418
 auriculata, vi. 421; vii. 367
 aurifrontalis, vii. 365
 Australasiana, vi. 421; vii. 367
 Borbonica, vii. 254
 cærulea, vi. 367. 420; vii. 353
 cærulescens, vi. 420
 Caffra, vii. 360
 cardinalis, vi. 420; vii. 354
 Carolinenis, vi. 474
 carunculata, vi. 413; vii. 367
 Cayana, vii. 354
 chalybea, vii. 360
 chrysotis, vi. 416
 cinnamomea, vii. 349
 cocincinica, vii. 367
 coccinea, vi. 421
 cruentata, vii. 357
 cucullata, vi. 420
 cuprea, vii. 361
 currucaria, vii. 362
 cyanea, vii. 353
 cyanocephala, vii. 361
 dubia, vii. 361
 erythropygia, vii. 357
 erythronotos, vii. 357
 familiaris, vii. 349
 famosa, vii. 364
 flaveola, vii. 355
 fuliginosa, vii. 362
 frontalis, vii. 366
 fusca, vii. 352
 goruck, vii. 367
 graculina, vi. 421; vii. 367
 ignobilis, vi. 418
 lepida, vii. 362
 Lotenia, vii. 360
 lunata, vi. 415; vii. 367
 maculata, vii. 356. 362
 Madagascariensis, vii. 362
 major, vii. 388
 melanops, vi. 420
 mellivora, vi. 420; vii. 367
 Mexicana, vi. 421

- Certhia*, *muraria*, vii. 352. 389
Novæ Hollandiæ, vi. 421; vii. 367
obscura, vii. 358
omnicolor, vii. 361
palustris, vii. 49
pulchella, vii. 364
purpurata, vii. 361
rectirostris, vii. 365
rubra, vii. 357
rubrofusca, vii. 362
sanguinea, vi. 419; vii. 353
sannio, vii. 356
semitorquata, vii. 356
Senegalensis, vii. 361. 366
seniculus, vi. 420; vii. 367
sperata, vii. 361
Spiza, vi. 420; vii. 367
splendida, vii. 360
superba, vii. 360
tæniata, vii. 357
varia, vii. 356
venusta, vii. 362
vestiaria, vii. 358
violacea, vii. 364
virens, vii. 356
xantholis, vi. 420; vii. 367
Zeilonica, vii. 361
- Ceyx*, vii. 414
Chacamel, viii. 7
Chacuru, vii. 472
Chacurus, vii. 472
Chætura, vii. 69
Australis, vii. 70
Martinica, vii. 69
Sabini, vii. 70
Chaffinch, vii. 138. 246
Chaia, viii. 398. 539
Chaima, viii. 398
Chamæza, vi. 410
memloides, vi. 410
Charadrius, viii. 305. 307
Ægypticus, viii. 309. 316
albicapillus, viii. 321
albifrons, viii. 309
Alexandrias, viii. 316
annuligerus, viii. 317
apricarius, viii. 316
Asiaticus, viii. 311
atricapillus, viii. 316
atrogularis, viii. 321
autumnalis, viii. 392
Azarai, viii. 310
bilobus, viii. 317
bitorquatus, viii. 310
Brissonii, viii. 322
calidris, viii. 378
Cantianus, viii. 309
Caspianus, viii. 311
Cayanus, viii. 316
- Charadrius* *ceucurus*, viii. 320
collaris, viii. 310
Coromandelicus, viii. 324
coronatus, viii. 316
crassirostris, viii. 307
cristatus, viii. 316
cucullatus, viii. 314
curonicus, viii. 309
curbepedesmos, viii. 313
Dudora, viii. 317
Duvaucelli, viii. 317
erythropus, viii. 309
Falklandicus, viii. 317
fluviatilis, viii. 309
fulvus, viii. 314
fuscus, viii. 315
Gallicus, viii. 324
gavia, viii. 320
Geoffroyi, viii. 313
griseus, viii. 314. 315
gularis, viii. 311
heteroclitus, viii. 322
hiaticula, viii. 309. 460
hiatula, viii. 312
himantopus, viii. 392
Indicus, viii. 310
Jamaicensis, viii. 309. 460
jugularis, viii. 311
keptuschka, viii. 311
larvatus, viii. 312
Leschenaultii, viii. 315
leucogaster, vii. 315
leucopolius, viii. 314
lugubris, viii. 312
magnirostris, viii. 310. 322
marginatus, viii. 313. 314
marmoratus, viii. 311
melanocephalus, viii. 316. 325
melanops, viii. 310
melodus, viii. 312
minor, viii. 309
modestus, viii. 320
morinellus, viii. 308. 459
monachus, viii. 313
Mongolius, viii. 311
nebulosus, viii. 315
nigrifrons, viii. 310
Novæ Zealandiæ, viii. 317
obscurus, viii. 314
oedicephalus, viii. 306
Okenii, viii. 312
pastor, viii. 313
pectoralis, viii. 311
pecuarius, viii. 313
Philippinus, viii. 309
pileatus, viii. 317
pluvialis, viii. 308. 458
pusillus, viii. 312
pyrrhocephalus, viii. 317

- Charadrius, rubidus, viii. 378. 530
 rubricollis, viii. 312
 ruficapillus, viii. 313
 sanguineus, viii. 314
 semipalmatus, viii. 312
 spinosus, viii. 316. 320
 Spixii, viii. 315
 stollatus, viii. 317
 Taitensis, viii. 314
 Tartaricus, viii. 311
 torquatus, viii. 309
 tricolor, viii. 310
 tricolor, viii. 311
 trifasciatus, viii. 310
 varius, viii. 313
 ventralis, viii. 317
 vociferus, viii. 309
 Wilsonii, viii. 310
 xanthocheilus, viii. 314
- Chardonneret, vii. 253
- Charpentier nano, vii. 453
- Chasse fierte, le, vi. 15
- Chat, wood, vi. 263
- Chatterer, vi. 364
 azure, vi. 365
 black-headed, vi. 507
 carunculated, vi. 505
 European, vi. 364
 umbelled, vi. 358
 variegated, vi. 366
- Chauche branche, vii. 106
- Chenalopez, viii. 617
 Egyptica, viii. 605
- Chenerotes, viii. 617
- Chericote, viii. 405
- Chevalier à longs pieds, viii. 387
 varié, viii. 382. 385
 vert, viii. 372
- Cheveche, vi. 259
- Chevechette, vi. 79
- Cheyarhis, vii. 507
- Chicken, Pharaoh's, vi. 187
- Chii, vi. 480
- Chimachima, vi. 42
- Chincou, vi. 16. 17
- Cheuque, viii. 438
- Chionis, viii. 416
 alba, viii. 416
 Forsteri, viii. 416
 necrophaga, viii. 416
 Novæ Hollandiæ, viii. 416
- Chipui, vii. 130
- Chirurgien de Luzon, viii. 397
- Chloropsis, vi. 419
 casmarhynchos, vi. 391
 hook-billed, vi. 391
 Sonnerati, vi. 390
 Alpine, vi. 396
- Chocards, vi. 395
- Chochi, vi. 523
- Choucador, vi. 393
- Choliba, vi. 85
- Choucaris, vi. 292. 488
- Choucas de Surinam, petit, vii. 133
- Choucou, vi. 78
- Chouette à terrier, vi. 258
 petite, vi. 259
 lapin, vi. 258
- Chroni, viii. 438
- Churi, viii. 296
- Cichla Coraya, vi. 408
- Ciconia, viii. 348. 494
 Abdimii, viii. 350
 Americana, viii. 350
 argala, viii. 351
 capillata, viii. 351
 ephippirhynca, viii. 352
 Guianensis, viii. 352
 Javanica, viii. 351
 jubura, viii. 349
 leucocephala, viii. 350
 maguari, viii. 350
 marabou, viii. 350
 mycteria, viii. 352
 nigra, viii. 349. 504
 umbellata, viii. 350
- Cincinnati, vii. 190
- Cincle, vi. 545
- Cincles, vi. 410
- Cinclus, vi. 410
 bicolor, vi. 410
 aquaticus, vi. 410
 Mexicanus, vi. 411
 Pallasi, vi. 410
 unicolor, vi. 410
- Cinnyris, vii. 359. 390
 æneus, vii. 365
 affinis, vii. 365. 367
 Amboinensis, vii. 365
 Asiaticus, vii. 366
 aurantia, vii. 366
 aurifrons, vii. 366
 bombicinus, vii. 366
 caudatus, vii. 366
 chrysogenis, vii. 365
 chrysoptera, vii. 366
 cinereicollis, vii. 366
 cinereus, vii. 365
 cirrhatus, vii. 365
 Clementiæ, vii. 366
 collaris, vii. 366
 discolor, vii. 366
 elegans, vii. 365
 eques, vii. 363
 erythrorhynchos, vii. 365
 erythrothorax, vii. 366

- Cinnyris frontalis*, vii. 366
 fuscus, vii. 366
 Indicus, vii. 365
 Iodeus, vii. 366
 leucogaster, vii. 366
 lotenius, vii. 393
 longirostris, vii. 366
 Manillensis, vii. 365
 melanurus, vii. 366
 mornatus, vii. 365
 nigralbus, vii. 365
 nitens, vii. 366
 Novæ Guineæ, vii. 366
 ornatus, vii. 366
 Phœnicotis, vii. 366
 Perreini, vii. 366
 politus, vii. 365
 rubescens, vii. 366
 rubrater, vii. 366
 rubrocana, vii. 366
 sericeus, vii. 366
 Smaragdinus, vii. 366
 sola, vii. 366
 solaris, vii. 365
 splendens, vii. 366
 splendida, vii. 366
 subflavus, vii. 366
 sugninbindus, vii. 366
Circœtus, vi. 40
 cinereus, vi. 40
Circus, vi. 59. 65
 albicollis, vi. 68
 axillaris, vi. 68
 campestris, vi. 67
 cinereus, vi. 68
 Hudsonius, vi. 66
 leucocephalus, vi. 68
 melanopterus, vi. 68
 rufulus, vi. 68
 variegatus, vi. 68
Citrin, le, vi. 391. 469
Citta virescens, vi. 295
Clakis, viii. 604
Clangula, viii. 609. 665
Climacteris picumnus, vii. 355
 scandens, vii. 355
Climbers, vii. 435
Clorios, vii. 519
Clypeata, viii. 616
Coccothraustes, vii. 151
Coccyzus, vii. 458. 536
 Geoffroyi, vii. 459
 Lathamii, vii. 459
 minutus, vii. 459
Cochevis, vii. 205
Cock, viii. 18. 19. 170
 Bantam, viii. 20. 217
 bill, viii. 402
 crested, viii. 20. 216
 crisped, viii. 19. 223
 domestic, viii. 20. 180
 Dorking, viii. 20
 dwarf, viii. 20. 218
 Friesland, viii. 223
 frizzled, viii. 19
 Jago, viii. 21. 174. 218
 Knor, viii. 302
 Malabar, viii. 21
 negro, viii. 19. 221
 of the plains, viii. 38
 Paduan, viii. 21. 175. 218
 Persian, viii. 21. 224
 rumpless, vii. 21. 224
 silk, viii. 19. 222
 Turkish, viii. 175. 217
 wild, viii. 19
 wild of Sonnerat, viii. 19. 20
Cockatoo, *Banksian*, vii. 495. 582
 black, vii. 505
 Cook's, vii. 495. 582
 funeral, vii. 495. 582
 giant, vii. 505
 great sulphur-crested, vii. 494
 great white, vii. 494
 lesser sulphur-crested, vii. 494
 Molucca, vii. 494
 Nascian, vii. 494
 Philippine, vii. 494
 rose, vii. 495. 584
Cockatoos, vii. 493
Cocoi, viii. 337
Cocorli, viii. 380
Coereba, vii. 354
Cola de Agudas, vi. 334
Colaris, vii. 187
Colibri, *albogularis*, vii. 379
 crispus, vii. 379
 helios, vii. 379
 leucopygus, vii. 379
Colies, vii. 163. 316
Colin Sonnini, viii. 60
Colins, viii. 59. 267
Colius, vii. 163
 Capensis, vii. 163
 Coromandelensis, vii. 164
 erythromelon, vii. 164
 erythropus, vii. 164
 gularis, vii. 164
 Indicus, vii. 164
 leuconotus, vii. 164
 Panayensis, vii. 163
 Senegalensis, vii. 164
 striatus, vii. 163
 viridis, vii. 164
Collier rouge, viii. 352
Colluricinca, vi. 296

Colluricincla cinerea, vi. 296. 411
 Colombe galline, viii. 72
 Océanique, viii. 78
 Colombihocco, viii. 72
 Colon, le, vi. 336
 Columba, viii. 71
 Abyssinica, viii. 93. 291
 ænea, viii. 78
 Afra, viii. 83
 alba, viii. 78. 85
 albicapilla, viii. 81
 Amboinensis, viii. 91
 Araucana, viii. 89
 armillaris, viii. 78
 aromatica, viii. 94
 arquatrix, viii. 78
 auricularis, viii. 90
 aurita, viii. 81
 Australis, viii. 93
 Bantamensis, viii. 85
 Barbarica, viii. 77
 bitorquata, viii. 84
 Brunnea, viii. 90
 cærulea, viii. 83
 cæruleocephala, viii. 81
 calva, viii. 94
 Cambayensis, viii. 84
 Capellei, viii. 95
 Capensis, viii. 92
 capistrata, viii. 86
 Caribæa, viii. 79
 Carolinensis, viii. 91
 carunculata, viii. 72. 273
 Cerensis, viii. 79
 chalcoptera, viii. 78
 cincta, viii. 80
 cinerea, viii. 84
 cobacola, viii. 75
 coronata, viii. 72
 cristata, viii. 32. 77. 79
 var. B., viii. 32
 cruenta, viii. 74
 cucullata, viii. 77
 cyanocephala, viii. 73
 curvirostra, viii. 95
 cyanovirens, viii. 89
 dasypus, viii. 77
 dilopha, viii. 86
 Dominicensis, viii. 92
 Dussumieri, viii. 87
 elegans, viii. 80
 eques, viii. 77
 erythroptera, viii. 82
 erythrothorax, viii. 74
 fasciata, viii. 90
 Franciæ, viii. 80
 frontalis, viii. 77
 galeata, viii. 77

Columba Geoffroyi, viii. 84
 griseola, viii. 75
 Guineæ, viii. 79
 gutturosa, viii. 77
 gymnophthalmos, viii. 80
 gyratrix, viii. 77
 Hispanica, viii. 77
 hispida, viii. 77
 holocericea, viii. 82
 Hottentotta, viii. 75
 humeralis, viii. 91
 humilis, viii. 88
 hyogastra, viii. 88
 Indica, viii. 81
 Jamaicensis, viii. 74
 jambo, viii. 81
 Javanica, viii. 81
 jubata, viii. 77
 lacernulata, viii. 86
 laticauda, viii. 77
 larvata, viii. 82
 leucocephala, viii. 79
 leucomela, viii. 87
 leucoptera, viii. 81
 leucotis, viii. 87
 littoralis, viii. 78
 Livia, viii. 76
 locutrix, viii. 86
 lophotes, viii. 91
 loricator, viii. 89
 luctuosa, viii. 88
 Macquaria, viii. 92
 maculosa, viii. 89
 Madagascariensis, viii. 80
 magnifica, viii. 86
 Malabarica, viii. 85
 Malaccensis, viii. 85
 marginata, viii. 91
 Martinica, viii. 74
 Martinicana, viii. 81
 Maugei, viii. 92
 melanocephala, viii. 82
 melanoleuca, viii. 78
 melanoptera, viii. 93
 migratoria, viii. 90
 militaris, viii. 94
 miniata, viii. 89
 minor, viii. 555
 minuta, viii. 75
 monarcha, viii. 88
 montana, viii. 73
 mystacea, viii. 83
 Nicobarina, viii. 73
 Norwegica, viii. 77
 oceanica, viii. 90
 Œnas, viii. 76
 olax, viii. 94
 oxyura, viii. 95

- Columba Pacifica*, viii. 78
palumbus, viii. 76
Pampusan, viii. 88
passerina, viii. 75
percussor, viii. 77
perspicillata, viii. 88
phœnicoptera, viii. 95
phasianella, viii. 91
picazuro, viii. 89
picturata, viii. 88. 90
picui, viii. 75
Pinon, viii. 89
poiciloptera, viii. 89
Pompadora, viii. 95
porphyrea, viii. 85
psittacea, viii. 94
puella, viii. 86
purpurata, viii. 90
purpurea, viii. 95
Reinwartii, viii. 91
risoria, viii. 77. 290
rubri capillæ, viii. 80
ruffina, viii. 81
sanguinea, viii. 74
Sanctæ Thomæ, viii. 94
scripta, viii. 87
Senegalensis, viii. 85
Sinica, viii. 82
spadicea, viii. 77
speciosa, viii. 79
squamosa, viii. 85
strepitans, viii. 92
striata, viii. 85
superba, viii. 83
Suratensis, viii. 84
tabellaria, viii. 77
Talpacoti, viii. 74
tannensis, viii. 95
tigrina, viii. 84
turbita, viii. 77
Turcica, viii. 77
turtur, viii. 77
tympanistria, viii. 83
venusta, viii. 92
vernans, viii. 94
vinacea, viii. 77. 84
violacea, viii. 81
viridis, viii. 82
Wallia, viii. 93
xanthonura, viii. 87
zenoida, viii. 90
zoæ, viii. 89
- Coly African*, vii. 164
black-throated, vii. 164
Cape, vii. 163
green, vii. 164
Panay, vii. 163
radiated, vii. 163
- Coly, Senegal*, vii. 164
white-backed, vii. 164
- Colymbus*, viii. 546. 551. 628
Arcticus, viii. 552. 631
auritus, viii. 548. 549
bicornis, viii. 549
Caspicus, viii. 548
Cayanus, viii. 550
cornutus, viii. 548
cristatus, viii. 547
Dominicus, viii. 550
glacialis, viii. 552. 630
grylla, viii. 554
Hebridus, viii. 548
Immer, viii. 552
lacteolus, viii. 554
minor, viii. 548. 633
nigricans, viii. 548
obscurus, viii. 548
parotis, viii. 548
podiceps, viii. 549
Pyrenaicus, viii. 549
rubricollis, viii. 548
Septentrionalis, viii. 553
stellatus, viii. 553
striatus, viii. 553
subcristatus, viii. 548
Thomensis, viii. 550
Troile, viii. 553. 632
urinator, viii. 547
vulgaris, viii. 548
- Condor*, vi. 19. 167
Conirostres, vii. 116
suppl. on the, vii. 193
Conophagus, vi. 409
Conurus, vii. 483. 578
Coot, cinereous, viii. 415
grebes, viii. 550
Coq de roche, vii. 2
le petit, vi. 354
Coracias, vii. 185
Abyssinica, vii. 186
Afra, vii. 188
Bengalensis, vii. 186
cœrulea, vii. 187
Caffra, vii. 187
caudata, vii. 187
Cayana, vii. 187
Cayanensis, vi. 300
cyanea, vii. 187
cyanogaster, vii. 187
docilis, vi. 423; vii. 187
garrula, vii. 185
Indica, vii. 186
Madagascariensis, vii. 188
Mexicana, vii. 187
militaris, vi. 359; vii. 187
nigra, vii. 187

Coracias orientalis, vii. 188
pacifica, vi. 266; vii. 187
pilosa, vii. 187
puella, vi. 373; vii. 187
sagittatus, vi. 417
scutata, vi. 359; vii. 187
Sinensis, vii. 187
strepera, vi. 289; vii. 187
striata, vi. 266; vii. 187
Temminckii, vii. 186
tibicen, vi. 289
vagabunda, vii. 180
varia, vi. 289; vii. 187
viridis, vii. 186; vii. 187
Coracina, vi. 293
cephaloptera, vi. 358
cristata, vi. 424
fasciata, vi. 293
gymnocephala, vi. 358
gymnoderma, vi. 370
ornata, vi. 358
rubra, vi. 359
Corbi Calao, vi. 412; vii. 419
Cordon bleu, vi. 360
Coridonix, vii. 460
Cormorant, little, viii. 590
longap, viii. 591
Cormorants, viii. 589. 590
Corncrake, viii. 541
Corneille, à duvet blanc, vii. 177
Corvorant, common, viii. 651
Corvorants, viii. 651
Corvus, vii. 174
affinis, vii. 380
Africanus, vii. 180
albicollis, vii. 177
argyrophthalmus, vii. 183
Australis, vii. 178
azureus, vii. 180
balicassius, vi. 372; vii. 183
brachyurus, vi. 400; vii. 183
brachyurus β , vi. 401
brachyurus δ , vi. 400
brachyurus ϵ , vi. 401
brachyurus η , vi. 401
Caledonicus, vii. 180
calvus, vi. 358; vii. 183
Canadensis, vii. 182
Caribæus, vii. 183
carunculatus, vii. 183
caryocatactes, vii. 183
Cayanus, vii. 179
clericus, vii. 178
collurio, vi. 295
Columbianus, vii. 178
corax, vii. 175
cornix, vii. 176. 332
corone, vii. 175
crinelus, vi. 396

Corvus crinitus, vi. 423
cristatellus, vii. 182
cristatus, vii. 181
crucirostra, vii. 329
cyaneus, vii. 179
cyanoleucus, vi. 290; vii. 182
cyanopogon, vii. 180
cyanurus, vi. 400; vii. 183
Dauricus, vii. 177
enca, vii. 178
eremita, vii. 183. 380
erythrorhynchus, vii. 179
flavigaster, vi. 320
flaviventris, vii. 183
flavus, vi. 320
Floridanus, vii. 182
frugilegus, vii. 176. 331
garrulus, vi. 396
glandularius, vii. 181
gracula, vii. 380
graculinus, vi. 415
grallarius, vi. 403; vii. 183
gymnocephalus, vii. 183
Hottentottus, vii. 183
infaustus, vii. 182
Jamaicensis, vii. 177
leucognaphalus, vii. 177
leucophæus, vii. 175. 178
melanoleucus, vi. 290
melanops, vi. 293. 363
Mexicanus, vii. 178. 183
monedula, vii. 176. 332
montanus, vii. 178
nasicus, vii. 178
Novæ Guinææ, vi. 293. 363; vii. 183
nudus, vi. 370
olivaceus, vii. 180
ossifragus, vii. 178
Pacificus, vi. 290
Papuanus, vi. 293. 363; vii. 183
paradoxus, vi. 413
Peruvianus, vii. 179
pica, vii. 179
pileatus, vii. 180
purpurascens, vii. 182
pyrrhocorax, vi. 396; vii. 183
rufipennis, vi. 393; vii. 183
rufus, vii. 180
Russicus, vii. 182
scapulatus, vii. 177
segetum, vii. 175. 178
Senegalensis, vii. 179
sexsetaceus, vi. 396
Sibiricus, vii. 181
speciosus, vii. 183
spermologus, vii. 178
splendens, vii. 177

- Corvus splendidus*, vi. 393
squamulosus, vi. 295
Stelleri, vii. 181
Surinamensis, vii. 133
torquatus, vii. 182
tropicus, vi. 290
ultramarinus, vii. 182
varians, vii. 184. 336
ventralis, vii. 179
zanöe, vii. 180
Corydalla, vi. 479
Corythaix, vii. 507. 584
Corythus, vii. 161
Cotingas, vi. 358. 503; viii. 683
 common, vi. 359. 503
Coturnix dactylisonans, viii. 56
torquata, viii. 58
Cotyle, vii. 61
Cou jaune, le, vi. 472
Couas, vii. 458. 536
Coucals, vii. 460
Couhiech, vi. 243
Couigniop, vi. 393
Coupeur d' eau, viii. 586
Courlan, viii. 478
Coulicous, vii. 536
Courliri, viii. 478
Courlis à mèches étroites du Cap, viii. 364
Courol, African, vii. 461
Courols, vii. 461
Couroucoui, vii. 473
Courseur, collared, viii. 325
 Coromandel, viii. 324
 double-collared, viii. 325
Courser, viii. 324. 467
Coz quauhtli, vi. 164
Crabeater of Mahon, viii. 339. 490
Crabeaters, viii. 337. 490
Craboli, viii. 535
Crake Australasian, viii. 332
 Baillon, viii. 407
 banded, viii. 542
 black-bellied Indian, viii. 332
 brown, viii. 331
 common, viii. 330. 476
 gigantic, viii. 350. 505
 hooping, viii. 331
 Indian, viii. 331, 332
 Siberian, viii. 331
 Stanley's, viii. 330
 white-spotted, viii. 542
Cranes, viii. 468
 crowned, viii. 329
Crapaud volant, vii. 105
Craticus, vi. 290
Crave, New Holland, vii. 380
 of Europe, vii. 380
Craves, vii. 379. 398
Cravate frisée, le, vi. 416
Crax, viii. 3
 alector, viii. 3
 carunculata, viii. 5
 Blumenbachii, viii. 5
 faciolata, viii. 5
 galeata, viii. 6
 globicera, viii. 4. 115
 globulosa, viii. 5
 Pauxi, viii. 6. 117
 rubra, viii. 4. 108. 116
 rubrirostris, viii. 5
 tomentosa, viii. 6
 tuberosa, viii. 7
 uramutum, viii. 7
 vociferans, viii. 7
Creadion, vi. 413
Creeper, beautiful, vii. 364
 black and blue, vii. 353
 black and yellow, vii. 355; viii. 689
 blue-headed, vii. 361
 Bourbon, vii. 354
 Byron's, vii. 390
 cardinal, vii. 354
 Ceylonese, vii. 361
 cinnamon, vii. 349
 collared, vii. 360
 copper, vii. 361
 crimson, vii. 353
 European, vii. 388
 familiar, vii. 349
 famous, vii. 364
 great hook-billed, vii. 358
 green-faced, vii. 362
 grey, vii. 362
 gold, vii. 361
 hook-billed green, vii. 358
 Loten's, vii. 360
 orange-backed, vii. 357
 picucule, vii. 350
 pied, vii. 362
 red-backed, vii. 357
 red-breasted, vii. 361
 red-brown, vii. 362
 saccharine, vii. 364
 scarlet, vii. 357
 Senegal, vii. 361
 shining, vii. 364
 thorn-tailed, vii. 349
 tufted-eared, vi. 421
 violet-headed, vii. 364
 wattled, vi. 413
 yellow-rumped, vii. 354
Creepers, vii. 348. 388
 of the wall, vii. 352
Cresserelle, vi. 26
Crex, viii. 406. 541
 chloropus, viii. 411

Crex galeata, viii. 412
 lateralis, viii. 409
 lugubris, viii. 410
 Martinica, viii. 413
 melampyga, viii. 409
 mustelina, viii. 409
 nigra, viii. 409
 plumbea, viii. 410
 pratensis, viii. 407
 pulchra, viii. 410
 rubiginosa, viii. 409
Criniger, vi. 296
Crombea, le, vii. 357
Crossbill, vii. 160
 common, vii. 315
 white-winged, vii. 161
Crossbills, vii. 160. 315
Crotophaga, vii. 457. 476
 major, vii. 476
 minor, vii. 476
Crow, carrion, vii. 175
 chattering, vii. 177
 cinereous, vii. 182
 Clark's, vii. 178
 downy, vii. 177
 fish, vii. 178
 hooded, vii. 176. 332
 New Guinea, vi. 293
 Papuan, vi. 293
 rock, vi. 375
 rufous, vii. 180
 Senegal, vii. 179
 Siberian, vii. 181
 Steller's, vii. 181
 Surinam, vii. 133. 233
 white vi. 165. 189
 white-breasted, vii. 177
Crows, vii. 174. 326
Crymophylus, viii. 383
 rufus, viii. 384
Crypsirina, vii. 184
Cryptonix, viii. 31. 241
 black, viii. 32
 coronatus, viii. 31
 ferrugineus, viii. 33
 niger, viii. 32. 33
 rufus, viii. 33. 55
Cryptura, fasciata, viii. 70
 guagu, viii. 71
 gubercola, viii. 67
 magoua, viii. 67
 solitaria, viii. 69
Crypturus, viii. 66
 adpersus, viii. 68
 cœrulescens, viii. 68
 parvirostris, viii. 68
Cuckow, vii. 514
 Æthiopian, vii. 461
 black and white, vii. 461

Cuckow black-billed, vii. 455
 blue, vii. 458
 brazen, vii. 457
 Cape, vii. 454
 Carolina, vii. 455
 Cayenne, vii. 459
 chestnut, vii. 459
 collared, vii. 455
 common, vii. 454. 516
 cupreous, vii. 456
 De Lalande's, vii. 453
 edolio, vii. 455
 Egyptian, vii. 460
 Flinders's, vii. 536
 giant, vii. 461
 gilded, vii. 456
 great Madagascar, vii. 458
 Guira, vii. 457
 honey, vii. 462
 klaas, vii. 456
 lark-heeled, vii. 460
 lesser honey, vii. 462
 long-billed, vii. 459
 long-necked, vii. 460
 Madagascar crested, vii. 458
 mangrove, vii. 459
 masked, vii. 463
 Mindanao, vii. 457
 noisy, vii. 455
 Panayan, vii. 455
 pheasant, vii. 459
 Philippine, vii. 460
 red-brown, vii. 460
 rufous, vii. 461
 rufous spotted, vii. 457
 sacred, vii. 457. 536
 shining, vii. 456
 society, vii. 457
 solitary, vii. 454
 spotted, vii. 459
 white-billed, vii. 462
 white rumped, vii. 463
 white-rumped black, vii. 463
 yellow-bellied, vii. 456
Cuckows, vii. 453
 true, vii. 453
Cuculus, vii. 453. 514
 Æthiops, vii. 461
 Afer, vii. 461
 albirostris, vii. 462
 Americanus, vii. 455
 ateralbus, vii. 461
 auratus, vii. 451
 Bengalensis, vii. 460
 brachypterus, vii. 459
 Brasiliensis, vii. 459
 bubutus, vii. 460
 cœruleus, vii. 453
 canorus, vii. 454. 516

- Cuculus Capensis*, vii. 454
Carolinensis, vii. 455
Cayanus, vii. 459
Chalcites, vii. 457
clamosus, vii. 455. 464
Clasii, vii. 456
cornutus, vii. 459
Coromandus, vii. 455
cristatus, vii. 458
cupreus, vii. 456
Dominicus, vii. 464
edolius, vii. 455
Egyptius, vii. 460
erythrophthalmus, vii. 455
flavus, vi. 456
Flindersii, vii. 458
gigas, vii. 461
glandarius, vii. 454
Guira, vii. 457
honoratus, vii. 457. 536
indicator, vii. 462
Indicus, vii. 458
Lalandii, vii. 458
lucidus, vii. 456
maculatus, vii. 457
Madagascariensis, vii. 458
melanoleucus, vii. 455
Mindanensis, vii. 457
minor, vii. 462
nævius, vii. 459
nigrorufus, vii. 460
Orientalis, vii. 458. 464
Panayus, vii. 458
Paradiseus, vii. 463
Persa, vii. 507
Philippensis, vii. 460
Pisanus, vii. 454. 458
pluvialis, vii. 459
poliocephalus, vii. 458
punctulatus, vii. 459
punctatus, vii. 457
pyrrhocephalus, vii. 464
radiatus, vii. 455. 458
regius, vii. 507
rubibandus, vii. 459
rufalbinus, vii. 463
rufinus, vii. 461
scolopaceus, vii. 457
Senegalensis, vii. 460
seniculus, vii. 459
serratus, vii. 455
Sinensis, vii. 464
solitarius, vii. 454
Sonneratii, vii. 458
Taitensis, vii. 457
tenebrosus, vii. 463
tolu, vii. 460
tranquillus, vii. 463
vetula, vii. 459
- Cujelier*, vii. 117
Culdor, le, vi. 389. 391
Culicivora, viii. 682
Cultirostres, viii. 327. 468
Curassow blue, vii. 585
 crested, viii. 3. 109
 Cumana, viii. 8. 9
 cushew, viii. 6
 globose, viii. 4. 115
 piping, viii. 9. 123
 razor-billed, viii. 6
 red, viii. 4. 116
 wattled, 5
Curicaca, viii. 361
Curlew, viii. 519
 Cape, viii. 380. 531
 Chili, viii. 366
 common, viii. 364. 520
 Derhomai, viii. 366
 Esquimaux, viii. 365
 green, viii. 363
 little, viii. 521
 long-billed, viii. 365
 Luzonian, viii. 366
 Madagascar, viii. 364
 Otaheite, viii. 366
 pygmy, viii. 380
 sea coast, viii. 365
 sea side lesser, viii. 365
 white-headed, viii. 366
Curlews, viii. 364
Curruca, vi. 440
 garrula, vi. 445
Cursorius, viii. 324
 Asiaticus, viii. 324
 bicinctus, viii. 325
 chalcopterus, viii. 325
 grallator, viii. 325
 Isabellinus, viii. 324
 Temminckii, viii. 325
Curucan *rase*, viii. 361
Cyclaris, vi. 270 ; viii. 679
Cygnus, viii. 597
 atratus, viii. 599
 Canadensis, viii. 600
 cucullatus, viii. 444
 gelbus, viii. 598
 melanocephalus, viii. 599
 melanorhynchus, viii. 599
 musicus, viii. 599
 niger, viii. 661
 nigricollis, viii. 599
 olor, viii. 659
 Sinensis, viii. 600
Cymbops, viii. 335
Cymindis, vi. 47. 62
Cyphos macrodactylus, vii. 473
Cypselus, vii. 57
 albicollis, viii. 687

- Cypselus Alpinus, vii. 59
 Alpinus Africanus, vii. 59
 Balasienis, vii. 60
 Caffer, vii. 60
 collaris, vii. 67. 70
 comatus, vii. 59
 giganteus, vii. 70; viii. 687
 gutturalis, vii. 60
 longipennis, vii. 59
 murarius, vii. 58
 mystaceus, vii. 59; viii. 687
 parvus, vii. 60
- Dacelo, vii. 412. 426
 cinnamoninus, vii. 412; viii. 689
 concreta, vii. 412
 cyanotis, vii. 413
 Gaudichaud, vii. 413
 pulchellus, vii. 413
- Dacnis, vi. 465; vii. 171; viii. 688
- Dædalion, vi. 48. 236
- Dafila, viii. 618
- Daptrius, vi. 40
 ater, vi. 41
- Darter, viii. 655
 black-bellied, viii. 595
 yellow-necked, viii. 596
- Dasyornis, vi. 470
 Australis, vi. 470
- Dauphinois, vi. 490
- Daw, vii. 332
- Dedalion, vi. 52
- Delophus, vi. 422. 425
- Demoiselle de Numidie, viii. 475
- Dendrocolaptes, vii. 350
 bivittatus, vii. 351
 crassirostris, vii. 352
 decumanus, vii. 350
 falcistrostris, vii. 350
 frontirostris, vii. 352
 fuscus, vii. 351
 guttatus, vii. 351
 platyrostris, vii. 350
 procurvus, vii. 351
 rufus, vii. 351
 sylviellus, vii. 348
 tenuirostris, vii. 351
 Wagleri, vii. 351
 angustirostris, vii. 352
 falcularius, vii. 352
 guttatus, vii. 352
 pyrrhosophilus, vii. 352
 rubricaudatus, vii. 352
- Dendroplex, viii. 689
- Dentirostres, vi. 262
- Dicaeum, vii. 356
 choronotus, vii. 357
 flavium, vii. 357
- Dicaeum rubescens, vii. 357
 rufescens, vii. 357
- Dicea, vi. 412; vii. 356
- Diceum, vii. 390; viii. 685
- Dicholophus, viii. 326
- Dicrurus, vi. 371
 æneus, vi. 372
 cristatus, vi. 371
 leucogaster, vi. 372
 leucophæus, vi. 372
 lophorhinus, vi. 372
 longus, vi. 371
 macrocercus, vi. 372
 musicus, vi. 373
 mystaceus, vi. 373
 platurus, vi. 371
 viii. 299
- Didus, viii. 299
 ineptus, viii. 299. 443
 Nazarinus, viii. 299. 300
 solitarius, viii. 299
- Dioch, vii. 137
 rose, le, vii. 137
- Diomedea, viii. 571
 brachyura, viii. 572
 Chinensis, viii. 572
 chlororhynchos, viii. 573
 exulans, viii. 571
 fuliginosa, viii. 573
 melanophris, viii. 572
 spadicea, viii. 572
- Diplectron, viii. 13
- Dishwasher, vi. 369
- Distingue roux à tête noire, vi. 292
- Diver, black-throated, viii. 552
 imber, viii. 552
 Newcastle, viii. 552
 northern, viii. 552
 red-throated, viii. 553
 striped, viii. 553
- Divers, viii. 546. 551. 630
 Greenland, viii. 555
- Dod-aers, viii. 444
- Dod-aersen, viii. 444
- Dodo, vii. 299
 hooded, viii. 299
 Nazarene, viii. 299. 446
 solitary, viii. 299. 446
- Dolichonyx, viii. 688
- Dotterel, viii. 308
 sea, viii. 385
- Double sourcil, le, vi. 469
- Dove, ground, viii. 75
 turtle, viii. 289
- Doves, Portugal, viii. 77
- Dragon, le, vii. 171
- Dromaius, viii. 298. 443
- Dromas, viii. 354
 Ardeola, viii. 354
- Drongear, vi. 373

- Drongi, vi. 372
 Drongo à moustaches, vi. 373
 bronzé, le, vi. 372
 Drongolon, le, vi. 372
 Drongos, vi. 371. 510
 Dronte, viii. 443
 Drymoica, viii. 687
 Drymophila, vi. 283
 atra, vi. 284
 leucopus, vi. 283
 longipes, vi. 283
 trifasciata, vi. 283
 variegata, vi. 284
 velata, vi. 284 ; viii. 679
 Duck arched, viii. 623. 670
 Arabic, viii. 625
 American tufted, viii. 614
 Alexandrine, viii. 625
 Barbary, viii. 618
 black, viii. 608
 black-bellied whistling, viii. 620
 black-tailed, viii. 624
 brown, viii. 624
 canvas-backed, viii. 615
 castaneous, viii. 614
 crested, viii. 624
 curved-bill, viii. 619
 Damietta, viii. 625
 Dominican, viii. 625
 dusky, viii. 622
 European, viii. 614
 falcated, viii. 624
 ferrugineous, viii. 614, 615
 Gadwal, viii. 621
 Garganey, viii. 623
 Gattair, viii. 625
 Georgian, viii. 624
 Gmelin, viii. 616
 golden-eye, viii. 610
 Greenland, viii. 625
 grey-headed, viii. 612
 harlequin, viii. 610
 Hawkesbury, viii. 621. 670
 hook-billed, viii. 619
 Iceland, viii. 615
 Ilathera, viii. 622
 Kekuschka, viii. 625
 king, viii. 611
 lobate, viii. 609
 long-tailed, viii. 609
 mallard, viii. 619
 Mareca, viii. 624
 membranaceous, viii. 617
 Mexican, viii. 624
 Muscovy, viii. 618
 New Holland, viii. 617
 New Zealand, viii. 616
 olive-tufted, viii. 614
 pied, viii. 615. 669
 Duck pink-headed, viii. 614
 pintail, viii. 618
 pochard, viii. 612
 radjah, viii. 621
 red, viii. 615
 red-billed whistling, viii. 620
 red-breasted, viii. 616
 red-crested, viii. 612
 ruddy, viii. 615
 scaup, viii. 613
 scoter, viii. 607
 shoveler, viii. 669
 Sisæir, viii. 625
 soft-bill, viii. 617
 solitary, viii. 625
 Spanish, viii. 620. 671
 spirit, viii. 611
 spotted-beaked, viii. 620
 spotted-billed, viii. 622
 summer, viii. 620
 supercilious, viii. 624
 tufted, viii. 614
 Ural, viii. 608
 velvet, viii. 608
 western, viii. 615
 white-faced, viii. 613. 624
 wild, viii. 671
 Ducks, viii. 597. 607. 664
 Ducs, vii. 76
 Dulang, vii. 579
 Dulus, vi. 317
 palmarum, vi. 318
 Dumlin, viii. 370
 Dysporus, viii. 593
 Capensis, viii. 594
 piscator, viii. 594
 EAGLE bald, vi. 37
 black and white, vi. 35
 black-headed, vi. 46
 black-tufted, of Africa, vi. 45
 Blagre, vi. 39
 Bonelli's, vi. 35
 Chinese, vi. 46
 common, vi. 33. 228
 crown, vi. 36
 crowned, vi. 35. 47
 crying, vi. 37
 fishing, vi. 38
 golden, vi. 225
 grey French, vi. 40
 great, vi. 225
 hook-billed, vi. 47
 imperial, vi. 34
 long-beaked, vi. 48
 Mace's, vi. 38
 marine, vi. 38
 martial, vi. 35. 229

- Eagle noisy, vi. 46
 piscivorous, vi. 37
 Pondicherry, vi. 38
 Reinwardt's, vi. 35
 ring-tailed, vi. 33
 roc, vi. 175
 rough-footed, vi. 34
 royal, vi. 225
 sea, vi. 36
 small Cayenne, vi. 4
 spotted, vi. 34. 46
 tufted of Guiana, vi. 43
 tyrant, vi. 46
 vulture, vi. 22
 vulturine, vi. 23
 wedge-tailed, vi. 36. 230
 white, vi. 49
 white-bellied, vi. 38
 Eagles, vi. 33. 220
 fisher, vi. 36. 42
 properly so called, vi. 33
 Eatua, vii. 428
 Echassiers, viii. 293. 421
 Echenilleurs, vi. 361. 503, 504
 Eclatant, l'. vi. 393
 Edolius, vi. 371
 azureus, vi. 373
 cineraceus, vi. 371
 remifer, vi. 373
 retifer, vi. 371
 Effrayé, vi. 75
 Egret, demi, viii. 341
 great, viii. 338, 339. 491
 little, viii. 338. 490
 reddish, viii. 341
 Egrets, viii. 338. 490
 Eider, viii. 665
 Eiders, viii. 611
 Elanoides, vi. 58
 Elanus, vi. 57
 cæsius, vi. 58
 Elgithina, vi. 448
 Embaguari, viii. 507
 Embergoose, viii. 631
 Emberiza, vii. 124. 223
 Amazona, vii. 129
 Americana, vii. 129. 148
 Angolensis, vii. 129. 150
 Asiatica, vii. 130
 atricapilla, vii. 129
 Badensis, vii. 126
 Borbonica, vii. 127. 139
 Brasiliensis, vii. 127. 139
 brumalis, vii. 127
 cæsia, vii. 127
 Calfat, vii. 129
 Capensis, vii. 127. 136
 chlorocephala, vii. 126
 Emberiza, chrysophrys, vii. 130
 chrysoptera, vii. 129
 cia, vii. 125
 ciris, vii. 127. 136
 cirrus, vii. 125
 citrinella, vii. 125. 224
 coccinea, vii. 129
 cœrulea, vii. 127
 cristata, viii. 687
 cyanopsis, vii. 127
 erythroptalma, vii. 129
 familiaris, vii. 129
 ferruginea, vii. 129
 flavifrons, vi. 298
 fucata, vii. 130
 fusca, vii. 129
 grisea, vii. 129
 gubernatrix, vii. 127. 227
 hortulana, vii. 126. 226
 jacarina, vi. 298
 Lesbia, vii. 126
 leucophrys, vii. 148
 longicauda, vii. 150. 228
 Lotharingica, vii. 125
 luctuosa, vi. 340
 Ludoviciana, vii. 129
 melanocephala, vii. 128
 melanodera, vii. 130
 melbensis, vii. 126
 Mexicana, vii. 129
 miliaria, vii. 126. 225
 militaris, vii. 129
 mixta, vii. 129
 montana, vii. 128
 mustelina, vii. 128
 nivalis, vii. 128
 olivacea, vii. 129
 Oonalashkensis, vii. 129
 oryzivora, vii. 127. 148. 171;
 viii. 688
 Panayensis, vii. 150
 Paradisea, vii. 150
 passerina, vii. 125
 pecoris, vii. 168
 pithyornis, vii. 128
 Platensis, vii. 129
 principalis, vii. 150
 provincialis, vii. 125
 psittacea, vii. 150
 pusilla, vi. 298; vii. 129
 quadricolor, vii. 127. 151
 quelea, vii. 127. 137
 regia, vii. 149
 rubra, vii. 127. 131
 rustica, vii. 129
 rutila, vii. 129
 Sandwichensis vii. 130
 schœniclus, vi. 126. 225

- Emberiza serena*, vii. 149
 Sinensis, vii. 129
 striolata, vii. 127
 superciliosa, vii. 130
 Surinamensis, vii. 130
 textor, vii. 134
 vidua, vii. 150
 viridis, vii. 129
Emberizoides, vii. 127. 130 ; viii. 688
 marginalis, vii. 130
 melanotes, vii. 130
Eme, viii. 298
Emérillon, vi. 26
Emeu, viii. 298. 443
Emu, viii. 440
 American, viii. 296
Entomyzon, vi. 415
Engoulevent, vii. 105
Enicurus, vi. 478
 coronatus, vi. 478
 velatus, vi. 478
Epervier patu, vi. 45
Epimachi, vii. 382. 399
Epimachus, vii. 382
 albus, vii. 383
 magnificus, vii. 384
 promefil, vii. 384
 regius, vii. 384
 superbus, viii. 689
 with frizzled ornaments, vii. 382
Ereunetes, viii. 391
Erodia amphilensis, viii. 354
Erodies, viii. 353
Erody Abyssinian, viii. 354
Erolia, viii. 381
 variegata, viii. 381
Espionneur, l', vi. 376
Etourneau à camail rouge, vii. 173
Eudynames, vii. 458
Eudytes, viii. 551
Euphone rufiventris, vi. 298
Eurinatorhynchus, viii. 383. 531
 griseus, viii. 383
Eurypyga, viii. 480
Eurystomus cyanocollis, vii. 188
 gularis, vii. 188
 purpurascens, vii. 188

FAISAN DE LA GUIANE, viii. 129
Falcinellus, vii. 381 ; viii. 381. 531
 cyanomelus, vii. 406
 pygmæus, viii. 380
Falco, vi. 23. 24. 195
 Acoli, vi. 67
 Ægyptius, vi. 59. 243
 ærginosus, vi. 66
 Falco aguia, vi. 35
 albescens, vi. 46
 albicans, vi. 65
 albicaudus, vi. 36
 albicella, vi. 36
 albidus, vi. 62. 64
 albus, vi. 47. 49. 66
 Aldrovandii, vi. 27
 ambustus, vi. 23
 Angolensis, vi. 17
 apivorus, vi. 59
 aquilinus, vi. 41
 armiger, vi. 35
 ater, vi. 58
 aterrimus, vi. 41
 atricapillus, vi. 46. 49
 aurantius, vi. 28
 Austriacus, vi. 58
 axillaris, vi. 37
 bacha, vi. 62
 badius, vi. 56
 Banksia, vi. 54
 barbarus, vi. 24. 25
 barbatus, vi. 22
 bellicosa, vi. 35
 Berigora, vi. 29
 biarmicus, vi. 27
 bidentatus, vi. 31
 Blagrus, vi. 39
 Bohemicus, vi. 66
 Bonelli, vi. 35
 Borealis, vi. 62
 brachydactylus, vi. 40
 brachypterus, vi. 50
 Brasiliensis, vi. 40
 Brissonianus, vi. 54
 Brownii, vi. 56
 busarellus, vi. 63
 buteo, vi. 61. 246
 buzon, vi. 63
 cachinnans, vi. 52
 cærulescens, vi. 30
 Canadensis, vi. 33
 candicans, vi. 32
 Capensis, vi. 28
 Carolinensis, vi. 39
 Cayenensis, vi. 39. 47
 cenchroides, vi. 29
 cheriway, vi. 40
 chicquera, vi. 28
 chrysaëtos, vi. 33
 cineraceus, vi. 66
 cinereus, vi. 32
 columbarius, vi. 30
 communis, vi. 24. 61. 66
 fuscus, vi. 62
 concolor, vi. 27
 connivens, vi. 61

Falco coronatus, vi. 35. 36. 45. 47

cristatellus, vi. 45
 cristatus, vi. 42
 crotophagus, vi. 42
 cuculoides, vi. 55
 cyaneus, vi. 65
 cygneus, vi. 33
 degener, vi. 42
 deiroleucus, vi. 27
 desertorum, vi. 63. 65
 destructor, vi. 42
 diodon, vi. 31
 dispar, vi. 58
 dominicensis, vi. 30
 Dussumieri, vi. 55
 ecaudatus, vi. 64
 femoralis, vi. 29
 formosus, vi. 41
 Forskahlîi, vi. 59
 frenatus, vi. 67
 fringillarius, vi. 30
 frontalis, vi. 28. 199
 fucosa, vi. 36
 fulvous, vi. 33
 furcatus, vi. 58
 fuscus, vi. 48
 gabar, vi. 53
 gallicus, vi. 40
 gallinarius, vi. 48
 gentilis, vi. 48
 glaucopis, vi. 47
 gracilis, vi. 50
 griseus, vi. 66
 Guianensis, vi. 43
 gymnogenys, vi. 68
 gyrfalco, vi. 48
 haliætus, vi. 39
 hamatus, vi. 48
 harpyia, vi. 42
 hemidactylus, vi. 50
 herotinus, vi. 25
 historionicus, vi. 68
 hyemalis, vi. 67
 ichthyætus, vi. 38
 imperialis, vi. 34. 42
 Indicus, vi. 52
 insectivorus, vi. 55
 Islandicus, vi. 24
 jackal, vi. 63
 Jacquini, vi. 42
 lagopus, vi. 60
 laniarius, vi. 29
 Lathamî, vi. 30
 latissimus, vi. 49
 leuchauchen, vi. 51
 leucocephalus, vi. 37. 61
 leucogaster, vi. 38
 leucomelas, vi. 67
 leucopygus, vi. 47

Falco leucorhynchus, vi. 52
 Leverianus, vi. 62
 limnæatus, vi. 45
 lineatus, vi. 67
 lithofalco, vi. 26
 longipes, vi. 59
 Macei, vi. 38
 macrourus, vi. 56
 maculatus, vi. 34
 maculosa, vi. 46
 Madagascariensis, vi. 18
 magnirostris, vi. 51
 magnus, vi. 22
 Malayensis, vi. 35
 melanaëtos, vi. 33
 melanoleucus, vi. 68
 melanops, vi. 52
 melanopterus, vi. 57
 milvus, vi. 58
 minullus, vi. 53
 Mississippiensis, vi. 57
 minuta, vi. 54
 mogilnik, vi. 33. 34
 monogrammicus, vi. 27
 montanus, vi. 66
 musicus, vi. 54
 nævius, vi. 34
 niger, vi. 22. 33. 61
 nisus, vi. 53
 nitidus, vi. 50
 niveus, vi. 44
 Novæ Hollandiæ, vi. 49
 Novæ Zelandiæ, vi. 41. 44
 nudicollis, vi. 41
 occiptalis, vi. 45
 œsalon, vi. 26
 orientalis, vi. 52
 ornatus, vi. 45
 ossifragus, vi. 36
 pœcilonotus, vi. 64
 palliatus, vi. 64
 palumbarius, vi. 48
 palustris, vi. 67
 parasiticus, vi. 59. 242
 pennatus, vi. 34. 60
 Pennsylvanicus, vi. 49. 54
 peregrinus, vi. 24
 pileatus, vi. 55
 piscator, vi. 38
 plancus, vi. 41
 plumbea, vi. 57
 poliogaster, vi. 51
 poliogenys, vi. 65
 polyosoma, vi. 65
 Pondicerianus, vi. 38
 pterocles, vi. 64
 ptilorhynchus, vi. 60
 punctatus, vi. 29
 pygargus, vi. 65

L

- Falco radiatus*, vi. 51
ranivorus, vi. 66
Riocourii, vi. 58
rufipes, vi. 26
rufus, vi. 56. 66
rupicola, vi. 28
rupicolus, vi. 28. 202
rutilans, vi. 67
sacer, vi. 32
Sancti Johannis, vi. 61
Senegalensis, vi. 45
serpentarius, vi. 69
severus, vi. 27
Sinensis, vi. 46
soloensis, vi. 55
sparverius, vi. 30. 202
stellaris, vi. 25. 29
striolatus, vi. 50
subbuteo, vi. 26. 200
sufflator, vi. 53
superbus, vi. 45
Tachardus, vi. 62
Tachiro, vi. 63
thoracicus, vi. 29
tibialis, vi. 28. 199. 200
tinnunculoides, vi. 26
tinnunculus, vi. 26
torquatus, vi. 54
trivirgatus, vi. 51
tyrannus, vi. 46
uliginosus, vi. 66
uncinatus, vi. 47
unicinctus, vi. 44. 52
urubitinga, vi. 44
variegatus, vi. 62
velox, vi. 55
versicolor, vi. 62
vespertinus, vi. 26
virgatus, vi. 55
vocifer, vi. 37
vociferus, vi. 37
vulturinus, vi. 23. 38
xanthothorax, vi. 50
- Falcon*, ashy, vi. 48
 banded-throat, vi. 27
 Barbary, vi. 25
 Bengal, vi. 30
 black and white, vi. 67
 black and white Indian, vi. 68
 black-thighed, vi. 28
 booted, vi. 34
 chaunting, vi. 54
 Chicquera, vi. 28
 chimachima, vi. 42
 colvy, vi. 30
 collared, vi. 54
 common, vi. 24. 196
 crested, vi. 45
 crested Indian, vi. 28
- Falcon*, desert, vi. 63
 double-bearded, vi. 27
 dwarf, vi. 53
 ger, vi. 31. 32
 golden red, vi. 67
 jackal, vi. 63
 kober, vi. 200
 lake, vi. 45
 laughing, vi. 52
 long-legged, vi. 67
 long-tailed, vi. 56
 Madagascar, vi. 18
 maritime, vi. 202
 minute, vi. 54
 mountain, vi. 202
 New Zealand, vi. 41
 notched, vi. 31
 peregrine, vi. 24
 radiated, vi. 51
 red-legged, vi. 53
 red-throated, vi. 41
 Riocour's, vi. 58
 rough-footed, vi. 60
 Salvador, vi. 67
 severe, vi. 27
 short-tailed, vi. 64
 short-toed, vi. 50
 short-winged, vi. 50
 snowy, vi. 44
 spotted, vi. 29
 streaked, vi. 52
 Surinam, vi. 53
 Tachard, vi. 62
 two-toothed, vi. 31
 uniform, vi. 27
 white-necked, vi. 51
 white-rumped, vi. 47
 white-throated, vi. 27
 winking, vi. 61
 winter, vi. 67
 yearling, vi. 25
- Falconry*, vi. 204
Falcons, vi. 23. 195
 properly so called, vi. 24
Falcunculus, vi. 295
 gutturalis, vi. 296
Fallow Sniech, vi. 435
Family, dentirostral, vi. 481
Father, white, vi. 187
Faucon à queue en ciseaux, vi. 243
 chanteur, vi. 54
Faucons pèlerins, vi. 25
Fauvette, vii. 7
 des Alpes, vii. 36
Fauvettes, vii. 7
Ficedula, vi. 339. 439
Fieldfare, vi. 384. 524
Figeaters, vi. 471
Figuier à gorge jaune, vi. 472

Figuier bleu, le, vi. 473

tacheté, le, vi. 472

Figulus, vii. 354

albogularis, vii. 354

Finch, Amaduvade, vii. 144

American yellow, vii. 143

Angola, vii. 145

Bahama, vii. 145

beautiful, vii. 136

black-collared, vii. 132. 232

black-faced, vi. 312; vii. 137

blue-bellied, vii. 144

Brazilian, vii. 144

Canary, vii. 143

citril, vii. 142. 271

common gold, vii. 139

crescent, vii. 135

crimson-crowned, vii. 162

glossy, vii. 144

gold, vii. 252

green gold, vii. 140

Lapland, vii. 119

lark, vii. 148

lazuli, vii. 148

lepid, vii. 143

mountain, vii. 138. 251

orange, vi. 306

parrot, vii. 140

purple, vii. 157. 162

red-headed, vii. 132

ring, vii. 154. 310

rose, vii. 162

savannah, vii. 148

scarlet, vii. 140

sea-side, vii. 149

Senegal, vii. 144

serin, vii. 142

sharp-tailed, vii. 149

snow, vii. 139

thistle, vii. 253

tree, vii. 135. 245

Finches, vii. 138. 246

gold, vii. 139. 252

Finfoot, African, viii. 551

American, viii. 551

Fissirostres, vii. 57

suppl. on the, vii. 82

Flamingo, viii. 543

little, viii. 420

pygmée, viii. 420

red, viii. 419

Flamingos, viii. 418

Flercher, viii. 304

Flûteur, le, vi. 392; vii. 348

Flycatcher, African, vi. 363

Australasian, vi. 346

azure, vi. 329

Banyumas, vi. 345

black, vi. 501

Flycatcher, black-collared, vi. 498

black of Europe, vi. 494

black-tipped, vi. 369

blue gray, vi. 459

Canada, vi. 455

chattering, vi. 355; viii. 683

coach whip, vi. 296

collared, vi. 329. 501

desert, vi. 329

dun, vi. 344

English, vi. 340. 501

fan-tailed, vi. 368

guava, vi. 388

hooded, vi. 455

indigo, vi. 345

Javan, vi. 346

mutable, vi. 330

obscure, vi. 345

Peruvian, vi. 336

pewit, vi. 350

pled, vi. 339. 501

red-bellied, vi. 348

red-eyed, vi. 356

red-vented, vi. 344

round-crested, vi. 332

rufous-fronted, vi. 369

small-headed, vi. 459

solitary, vi. 355

spotted, vi. 339. 493

tyrant, vi. 324

warbling, vi. 356

white, vi. 326

white-eyed, vi. 356

wood pewit, vi. 350

yellow-necked, vi. 329

yellow-fronted, vi. 347

yellow-rumped, vi. 321. 332

yellow-throated, vi. 355

Yetapa, vi. 355

Flycatchers, vi. 318. 328. 491

properly so called, vi. 339

Formicivora, vi. 284

maculata, vi. 284

nigricollis, vi. 284

Fourmillier, le, vi. 437

Fous, viii. 653

Fowl, Guinea, viii. 16. 163

Numidian, viii. 163

oat, vii. 227

pea, viii. 16

Wallichean, viii. 21

Francolin, viii. 261. 263

Le Vaillant's, viii. 49

long-beaked, viii. 50

lunated, viii. 48

thoracic, viii. 50

Francolins, viii. 45

Fratercula, viii. 556

arctica, viii. 634

- Fratercula cirrhata*, viii. 635
 psittacula, viii. 635
Fregillus, vii. 379
Frigates, viii. 652
Fringilla, vii. 130. 137. 138
 Abyssinica, vii. 132
 Æthiops, vii. 144
 albicollis, vii. 148
 Amandava, vii. 144
 Americana, vii. 148
 Anæna, vii. 148
 Angolensis, vii. 145
 arborea, vii. 148
 arcuata, vii. 135
 bella, vii. 310
 Bengalus, vii. 144
 bicolor, vii. 145
 Brissonii, vii. 157
 cærulescens, vii. 145
 calcarata, vii. 119. 129
 Canadensis, vii. 148
 Canaria, vii. 143
 cannabina, vii. 142
 capitalis, vii. 134
 carduelis, vii. 139. 252
 caudacuta, vii. 148. 149
 cinerea, vii. 139. 145
 Cisalpina, vii. 135
 citrinella, vii. 127. 142
 coccinea, vii. 140
 cœlebs, vii. 138. 246
 coracina, vi. 300
 cristata, vi. 312; vii. 137
 crocea, vii. 128
 cruciger, vii. 138
 cyanea, vii. 148
 domestica, vii. 135
 elegans, vii. 136
 erythrocephala, vii. 127. 131.
 132
 erythronotos, vii. 146
 erythrophthalma, vii. 129. 138
 fasciata, vii. 148
 flammea, vii. 148. 162
 flavicollis, vii. 148
 frontalis, vii. 146
 Georgica, vii. 149
 gnatho, vii. 158
 graminea, vii. 148
 granatina, vii. 144
 guttata, vii. 146
 Hispaniolensis, vii. 135
 hyemalis, vii. 148
 icteræ, vii. 143
 ignicolor, vii. 134
 illiaca, vii. 138
 Italiæ, vii. 135
 Laponica, vii. 119. 129
 laticauda, vii. 134

Fringilla lepida, vii. 143
 linaria, vii. 141
 leucocephala, vii. 140
 lutea, vii. 147
 luteola, vii. 134
 macroura, vii. 130. 134
 Magellanica, vii. 140
 maritima, vii. 149
 Martinicensis, vii. 158
 melanotis, vii. 147
 melba, vii. 140
 melodia, vii. 148
 melpoda, vii. 146
 montana, vii. 135. 245
 monticola, vii. 148
 monti-, vii. 138
 montium, vii. 142
 nitens, vii. 144
 nivalis, vii. 139. 148
 noctis, vii. 158
 ornata, vii. 147
 oryx, vii. 134
 otoleucus, vii. 147
 palustris, vii. 148
 passerina, vii. 148
 Pennsylvanica, vii. 148
 petronia, vii. 154. 310
 phalerata, vii. 134
 pinus, vii. 141
 polyzona, vii. 147
 psaltria, vii. 141
 psittacea, vii. 140
 purpurea, vii. 157. 162
 pusilla, vii. 148
 quelea, vii. 137
 quinticolor, vii. 146
 rosea, vii. 162
 rubra, vii. 131
 rubriventris, vii. 146
 rufa, vii. 138
 rufobarbata, vii. 158
 Sanguinolenta, vii. 147
 savanna, vii. 148
 savannarum, vii. 148
 Senegala, vii. 144
 serinus, vii. 142
 simplex, vii. 147
 socialis, vii. 148
 spinus, vii. 142. 268
 var., vii. 140
 supercilliosa, vii. 150
 textris, vii. 131
 tricolor, vii. 145
 tristis, vii. 141. 143; viii. 688
 velata, vii. 134
 vespertina, vii. 157
 viridis, vii. 146
 vitellina, vii. 134
 zæna, vi. 306

Fringillæ, vii. 227
Fulica, viii. 411. 542
 Æthiops, viii. 415
 Americana, viii. 415
 armillata, viii. 415
 atra, viii. 414
 aterrima, viii. 415
 Cayennensis, viii. 403. 409
 chloropus, viii. 411
 cristata, viii. 415
 fistulans, viii. 413
 flavipes, viii. 413
 flaviostris, viii. 413
 Floridana, viii. 415
 fusca, viii. 411
 leucoptera, viii. 415
 leucorix, viii. 415
 maculata, viii. 413
 Martinica, viii. 413
 Mexicana, viii. 415
 nævia, viii. 407. 411
 Noveboracensis, viii. 408
 porphyrio, viii. 412. 542
 properly so called, viii. 414
Fuligula, viii. 607. 612. 668
 cristata, viii. 614
 nigra, viii. 608
 oxyura, viii. 608
 rufitorques, viii. 614
Furnarius, vii. 354
 annumbi, vii. 354
 Chilensis, vii. 354
 fuliginosus, vii. 354
 Lessonii, vii. 354
Fuscalbin, le, vi. 415

GABIOTA CIRCICIENTA, viii. 576
Galaplot, vii. 351 ; viii. 689
Galbula, vii. 435
 albirostris, vii. 436
 albiventris, vii. 437
 grandis, vii. 437
 macroura, vii. 436
 paradisea, vii. 436
 ruficauda, vii. 436
 viridis, vii. 426. 509
Galgulus, vii. 185
 melanops, vii. 187
Gallina pratajuola, viii. 453
Gallinæ, viii. 1
 suppl. to the, viii. 96
Gallinago media, viii. 368
 minima, viii. 369
 minor, viii. 369
 saturata, viii. 370
Gallinula, viii. 411
 Americana, viii. 412
 cæsia, viii. 404

Gallinula Carolina, viii. 400
 Cayennensis, viii. 404
 flaviostris, viii. 413
 fusca, viii. 412
 galeata, viii. 412
 gigas, viii. 404
 gularis, viii. 410
 Javanica, viii. 411
 lugubris, viii. 410
 obscura, viii. 412
 porphyrio, viii. 413
 rubiginosa, viii. 409
 ruficeps, viii. 404
 sarracura, viii. 404
 stellaris, viii. 407
Gallinule, Abyssinian, viii. 410
 ardoisée, viii. 411
 black-blacked, viii. 413
 black-pointed, viii. 414
 Cayenne, viii. 403
 Chericote, viii. 405
 common, viii. 411
 crake, viii. 406
 crested, viii. 415
 dwarf, viii. 407
 favourite, viii. 413
 Kookra, viii. 410
 Jamaica, viii. 408
 mangle, viii. 404
 Martinico, viii. 413
 minute, viii. 408
 mournful, viii. 410
 New Holland, viii. 414
 purple, viii. 412. 542
 red-tailed, viii. 411
 rufous-breasted, viii. 408
 rusty, viii. 409
 Soree, viii. 408
 spotted, viii. 407
 variegated, viii. 403
 white, viii. 414
 white-chinned, viii. 410. 542
 yellow-breasted, viii. 408
Gallinules, viii. 411. 542
Gallus, viii. 18. 170
 Anstrutheri, viii. 21
 Bankiva, viii. 20. 174. 219
 crispus, viii. 19
 cristatus, viii. 216
 ecaudatus, viii. 21
 furcatus, viii. 21. 223
 gallinaceus peregrinus, viii. 444
 giganteus, viii. 21. 174. 218
 Javanicus, viii. 21
 lanatus, viii. 19
 Macartnyii, viii. 30
 Morio, viii. 19
 Mozambicus, viii. 19
 Patavinus, viii. 21. 218

- Gallus Patuornus, viii. 21
 pentedactylus, viii. 20
 Persicus, viii. 21
 pumilio, viii. 20
 Sonneratii, viii. 19
 Gampsonyx, vi. 56
 Swainsonii, vi. 56
 Gamulus Australis, vi. 355
 Ganga, viii. 41
 chata, viii. 257
 Gangas, viii. 256
 Gannet, viii. 594
 lesser, viii. 594
 Garrots, viii. 609. 665
 Garrule torqu  le, vii. 182
 Garrulus, vii. 181
 auritus, vii. 182
 c  rulescens, vii. 182
 galericulatus, vii. 182
 gubernatrix, vii. 180
 melanogaster, vii. 182
 ultramarinus, vii. 182
 Geai noir    collier blanc, vi. 268
 Geese, viii. 601. 661
 Gelinotte hupp  , viii. 36
 Gerfalcon, vi. 31. 202
 Gerfalcons, vi. 31
 Gilwut, viii. 21
 Glareola, viii. 416
 Australis, viii. 417
 Austriaca, viii. 417
 grallaria, viii. 417
 Isabella, viii. 417
 lactea, viii. 418
 n  via, viii. 417
 Orientalis, viii. 418
 pratincola, viii. 417
 torquata, viii. 417
 Glaucopis, viii. 184. 336
 cinerea, vii. 184
 leucoptera, vii. 184
 temnura, vii. 184
 Glottis, viii. 375
 Goatsucker, vii. 104
 American, vii. 75
 ash-coloured, vii. 80
 banded, vii. 79
 Bombay, vii. 75
 Brazilian, vii. 76
 Cayenne, vii. 109
 Chuppa, vii. 75
 Cold river, vii. 81
 collared, vii. 109
 European, vii. 106
 fork-tailed, vii. 78. 110
 gold-coloured, vii. 73
 Guiana, vii. 76
 Indian, vii. 76
 Jamaica, vii. 77
 Goatsucker, Javan, vii. 75
 Leona, vii. 108
 long-tailed, vii. 73
 New Holland, vii. 80
 rufous, vii. 76
 scissor-tailed, vii. 78. 113
 sharp-tailed, vii. 77
 spotted, vii. 80
 strigoid, vii. 79
 Trinidad, vii. 81. 114
 varied, vii. 75
 Virginian, vii. 108
 white-collared, vii. 76
 white-necked, vii. 109
 white-throated, vii. 74. 79
 Goatsuckers, vii. 70
 Gobemouche    lunettes, vi. 329
   toil  , vi. 357
 noir, vi. 498
 Gobemouches, vi. 318
 Godwit, American, viii. 374
 Barbary, viii. 373
 black-tailed, vii. 374
 Cambridge, viii. 387
 cinereous, viii. 386
 common, viii. 372
 Hudsonian, viii. 374
 lesser, viii. 373
 marbled, viii. 374
 red, viii. 373
 Godwits, viii. 372. 528
 Goelands, viii. 574
 Goldfinch, common, vii. 139
 green, vii. 140
 Goosander, viii. 674
 Goose, Antarctic, viii. 605
 bean, viii. 602
 black and white, viii. 621
 Brent, viii. 604
 bustard, viii. 605
 Canada, viii. 599
 common, viii. 601
 Egyptian, viii. 604
 eider, viii. 611
 Gambian, viii. 661
 grey-headed, viii. 606. 622
 loggerhead, viii. 609
 Magellanic, viii. 605
 painted, viii. 606
 red-breasted, viii. 605
 ruddy, viii. 622
 semipalmated, viii. 621
 short-legged, viii. 665
 snow, viii. 603
 swan, viii. 600
 variegated, viii. 606
 white-fronted, viii. 602
 Gorto, viii. 44
 Goruck, vi. 414

Goshawk, vi. 239
 common, vi. 48
 crested, vi. 43. 45
 Goshawks, vi. 236
 Goura, viii. 73. 274
 Gracula, vi. 421
 athis, vi. 381
 barita, vii. 134. 168
 calvus, vi. 414
 calva, vi. 423
 carunculatus, vi. 413. 425
 Cayennensis, vii. 350
 cristatella, vi. 424. 548
 fœtida, vii. 370
 glauca, vi. 304
 grisea, vi. 423
 gryllivora, vi. 422
 icterops, vi. 415
 larvata, vi. 425
 longirostris, vi. 379. 416
 melanocephala, vi. 413
 melanopterus, vi. 423
 nobilis, vi. 416
 nudicollis, vi. 370
 picoides, vii. 351
 plicatus, vi. 418
 quiscal, vii. 134. 168
 saularis, vi. 294. 392
 scandens, vii. 350
 sturnina, vi. 425; vii. 174
 tristis, vi. 422. 547
 viridis, vi. 399
 boat-tailed, vii. 134
 climbing, vii. 350
 dial, vi. 294
 green, vi. 399
 Paradise, vi. 547
 satin, vi. 548
 Grakles, vi. 546
 Grallæ, viii. 293
 suppl. on the, viii. 421
 Grallaria, vi. 403; viii. 685
 Grallina, vi. 409. 545
 melanoleuca, vi. 410
 Graucalus, vi. 292
 mentalis, vi. 293
 Grebe, American, viii. 550
 black-breasted, viii. 550
 black-naped, viii. 550
 Cayenne, viii. 550
 Chili, viii. 550
 crested, viii. 547
 double-horned, viii. 549
 eared, viii. 549
 hoary, viii. 549
 horned, viii. 548
 little, viii. 555
 Philippine, little, viii. 549
 pied-bill, viii. 549

Grebe, red-necked, viii. 548
 white-winged, viii. 550
 Grebes, viii. 547. 628
 Grenouillard, vi. 66
 Griffard, vi. 229
 Griffins, vi. 21. 190
 Griffon, le, vi. 161
 Grimpart enfumé, vii. 350
 flambré, vii. 350
 grand, vii. 350
 maillé, vii. 350
 promerops, vii. 351
 Grimpars, vii. 350
 Griverson, le, vi. 386
 Grives, vi. 510
 Griveton, le, vi. 391
 Grosbeak, vii. 151
 Abyssinian, vii. 230
 azure, vii. 153
 Bengal, vii. 134
 black, vii. 154
 black-headed, vii. 153
 black-lined, vii. 153
 blue, vii. 156
 Brazilian, vii. 154
 Brisson, vii. 157
 brown, vii. 153
 Caffarian, vii. 150
 Canada, vii. 157
 Cape, vii. 137
 cardinal, vii. 156
 common, vii. 156. 310
 crested Dominican, vii. 137
 Dominican, vii. 137
 evening, vii. 157
 fasciated, vii. 155
 Gambia, vii. 134
 grey-necked, vii. 156
 green, vii. 155. 309
 grenadier, vii. 136
 haw, vii. 156. 310
 Java, vii. 153
 lineated, vii. 159
 Madagascar, vii. 155
 Malacca, vii. 152
 minute, vii. 159
 Molucca, vii. 151
 nitid, vii. 152
 nun, vii. 159
 pensile, vii. 132
 Philippine, vii. 131. 230
 pine, vii. 161. 316
 Porto Rico, vii. 158
 purple, vii. 312
 red-billed, vii. 151. 314
 red-breasted, vii. 154
 Siberian, vii. 159
 sociable, vii. 133. 232
 striated, vii. 152

- Grosbeak, violaceous, vii. 311
 warbling, vii. 153
 wax-billed, vii. 153
 white-headed, vii. 152
 white-throated, vii. 157
- Grosbeaks, vii. 308
- Gros-bec bleu de ciel, vii. 157
 longicone, vii. 151
- Grous, viii. 34. 243
 Bahtah, viii. 42
 black, viii. 34. 247
 crowned sand, viii. 44
 double-banded, viii. 43
 dusky, viii. 38
 Franklin's, viii. 39
 Gorto, viii. 44
 hazel, viii. 36. 250
 heteroclite, viii. 66. 268
 hybrid, viii. 35. 249
 Indian, viii. 43
 Louisiana, viii. 263
 Lybian, viii. 42
 Namaqua, viii. 42. 258
 pinnated, viii. 37
 pintado, viii. 251
 pin-tailed, viii. 41. 257
 ptarmigan, viii. 40. 253
 red, viii. 41. 256
 Rehusak, viii. 40
 Richardson's, viii. 39
 ruffed, viii. 37. 251
 Sabine's, viii. 39
 sand, viii. 43. 259
 Senegal, viii. 42
 sharp-tailed, viii. 44
 singed, viii. 42. 258
 spotted, viii. 36. 251
 Surmagur, viii. 44
 willow, viii. 40. 256
 wood, viii. 34. 243
- Grus, viii. 327
 Balearica, viii. 475
 cinerea, viii. 330. 476
 minor, viii. 475
 Paradisea, viii. 330
 poliocephœa, viii. 331
 psophia, viii. 328
 struthio, viii. 331
 torquata, viii. 332
 virgo, viii. 475
- Grylle scapularis, viii. 554
- Guacuguacu, viii. 585
- Guan, viii. 8
 courier, viii. 33
 eyebrowed, viii. 10
 obscure, viii. 9
 supercilious, viii. 10
- Guans, viii. 7
- Guarauna, viii. 333
- Gubernates, vi. 318
 Cunninghami, vi. 319
- Guépier Adanson, vii. 405
 gris rose, vii. 405
 rouge gorge, vii. 405
 Sonnini, vii. 405
- Guillemot, black, viii. 632
 Brunnich's, viii. 554
 foolish, viii. 553. 632
 Mandt's, viii. 555
 marbled, viii. 555
 white, viii. 554
 white-lined, viii. 554
- Guillemots, viii. 553. 631
- Guiraca melanocephala, vii. 157
- Guirapita, viii. 512
- Guitguits, vii. 389
- Gull, Arctic, viii. 579
 black-headed, viii. 574. 576
 black-hooded, viii. 577
 common, viii. 575
 fish-eating, viii. 577
 forked-tailed, viii. 576
 glaucous, viii. 574
 herring, viii. 574
 ivory, viii. 575
 Kittiwake, viii. 579
 laughing, viii. 575
 little, viii. 577
 silvery, viii. 575
 skua, viii. 579
 white-eyed, viii. 576
- Gulls, viii. 573. 644
- Gur-Roo-Mul, viii. 563
- Gymnocephalus, vi. 357. 503. 508
- Gymnoderes, vi. 370. 503
- Gymnops, vi. 40
 fasciatus, vi. 41
 strigillatus, vi. 42
- Gypaëte of the Alps, vi. 22
- Gypaëtos, vi. 19. 21
 barbatus, vi. 164
 of Africa, vi. 192
- Gypagus, vi. 18
- Gypogeranidæ, vi. 68
- Gypogeranus, vi. 68. 248
- Gyps, vi. 16
- Habia à bec orangé, vi. 300
 cega blanca, vi. 301
 cobigas pintadas, vi. 302
 gola negra, vi. 303
 jaune, vi. 317
 Ponceau, vi. 317
 purizo, vi. 302
 robustana, vi. 302
 roxisa, vi. 301
 verde, vi. 301

Hæmatopus, viii. 322
 ater, viii. 324
Brasiliensis, viii. 323
Capensis, viii. 324
leucopus, viii. 324
luctuosus, viii. 323
niger, viii. 324
ostralegus, viii. 323. 466
*palliatu*s, viii. 323
Halcyon cinnamoninus, viii. 689
*Haliætu*s, vi. 36
 canorus, vi. 37
 Calei, vi. 37
*Haliæu*s, viii. 589
*Halicu*s *Brasilianu*s, viii. 591
 *lucidu*s, viii. 592
Halodroma, viii. 570. 642
Hardbills, vii. 316
Harfang, vi. 79
*Harpagu*s, vi. 31
Harpies, vi. 42
Harpy, vi. 66
 booted, vi. 43
 great, vi. 233
 great of America, vi. 42
Harpyia, vi. 42
 braccata, vi. 43
 ornata, vi. 43. 45
Harrier, hen, vi. 65
Hatis à bec court, viii. 585
 à tête noire, viii. 585
Hawk, *American sparrow*, vi. 30. 202
 ash coloured, vi. 49
 banded, vi. 49
 banded-sided, vi. 64
 black-capped, vi. 55
 black sparrow, vi. 54
 broad-winged, vi. 49
 Brown's, vi. 56
 Caley's, vi. 37
 common, vi. 238
 common sparrow, vi. 53
 falcon like, vi. 56
 fish of America, vi. 39
 gos, vi. 49. 236. 239
 grey-breasted, vi. 51
 Indian sparrow, vi. 55
 insectivorous sparrow, vi. 55
 Javan sparrow, vi. 55
 large-billed, vi. 51
 marsh, vi. 66
 Nankin, vi. 29
 night, vii. 78
 one banded, vi. 44. 52
 orange speckled, vi. 29
 painted, vi. 44
 pigeon, vi. 30. 239
 prince Maximilian's crested, vi. 236

Cuv. Index.

Hawk, *Ray's*, vi. 49
 red femoral, vi. 29
 red-tailed, vi. 62
 sharp-shinned, vi. 55
 shining, vi. 50
 slate coloured, vi. 54
 slender, vi. 50
 sparrow, vi. 53
 speckled sparrow, vi. 63
 streaked, vi. 55
 three-streaked, vi. 51
 whistling, vi. 37
 white-billed, vi. 52
 yellow-throated, vi. 50
Hawks, vi. 48. 236
 eagle, vi. 43
Helias, viii. 333. 480
 phalanoides, viii. 334
Heliornis, viii. 550. 629
 Senegalensis, viii. 551
Hemipalma, viii. 383
*Hemipodiu*s, viii. 61
 Dussumierii, viii. 65
 fasciatus, viii. 64
 Hottentotus, viii. 64
 lunatus, viii. 64
 maculosus, viii. 64
 Meiffrenii, viii. 63
 nigrifrons, viii. 62
 nivosus, viii. 63
 pugnax, viii. 62
 tachydromus, viii. 62
 thoracicus, viii. 63
Heorotarii, vii. 357
Heron, *Agami*, viii. 341. 491
 beautiful, viii. 342
 black-crested white, viii. 346
 blanc, viii. 491
 blue, viii. 341. 342. 491
 Caledonian night, viii. 346
 Cayenne, night, viii. 346
 cinnamon, viii. 347
 common, viii. 336. 485
 crested purple, viii. 489
 crowned, viii. 473
 demoiselle, viii. 329. 475
 gardenian night, viii. 345
 great, viii. 336
 laminated, viii. 510
 Louisiana, viii. 337
 Malacca, viii. 343
 minute, viii. 347
 New Guinea, viii. 337
 night, viii. 345. 493
 Philippine, viii. 344
 purple, viii. 489
 red-necked, viii. 491
 scolopaceous, viii. 333
 snowy, viii. 340

M

- Heron, spotted, viii. 348
 wattled, viii. 332
 white-fronted, viii. 342
 yellow-necked, viii. 342
 Herons, viii. 335. 481
 night, viii. 345
 Herpethotheres, vi. 52
 Heteroclit, l', viii. 66
 Hians, viii. 353
 Hierax, vi. 30
 Hierofalco, vi. 31
 Himantopus, viii. 392. 532
 albicollis, viii. 392
 atropurpureus, viii. 392
 autumnalis, viii. 392
 leucurus, viii. 393
 melanopterus, viii. 392
 melanurus, viii. 393
 Mexicanus, viii. 393
 nigricollis, viii. 393
 rufipes, viii. 392
 Hirundo, vii. 57. 60
 acuta, vii. 69
 albicollis, vii. 67. 70
 albiventer, vii. 67
 Alpestris, vii. 64
 ambrosiaca, vii. 64
 Americana, vii. 62. 64. 68
 apus, vii. 58
 bicolor, vii. 65
 Borbonica, vii. 68
 Capensis, vii. 63
 caudacuta, vii. 70
 Cayanensis, vii. 60. 93
 chalybea, vii. 63
 cinerea, vii. 61. 69
 corhinca, vii. 61
 cristata, vii. 64
 cyanoleuca, vii. 65
 cyanoptyrha, vii. 68
 Daurica, vii. 64
 domestica, vii. 65. 94
 Dominicensis, vii. 67
 erythrocephala, vii. 69
 esculenta, vii. 62
 fasciata, vii. 63
 filifera, vii. 66
 flavigaster, vii. 69
 Francica, vii. 67
 fuciphaga, vii. 62
 fulva, vii. 62. 68; viii. 687
 fusca, vii. 69. 93
 fuscata, vii. 64
 Hortensis, vii. 69
 Indica, vii. 63
 Javanica, vii. 68. 95
 jugularis, vii. 65
 klecho, vii. 59
 leucoptera, vii. 67
 Hirundo leucorhæa, vii. 69. 93
 leucothea, vii. 59
 Ludoviciana, vii. 61
 lunifrons, vii. 68
 Martinicana, vii. 69
 melampiga, vii. 65
 melanogaster, vii. 62; viii. 687
 melanoleuca, vii. 65
 melba, vii. 58
 minuta, vii. 65
 montana, vii. 61. 94
 nigra, vii. 64
 nigricans, vii. 66
 Oonalaschkensis, vii. 66
 oxyura, vii. 70. 103
 Pacifica, vii. 70
 paludicola, vii. 64
 Panayensis, vii. 63
 Pelasgia, vii. 70. 104
 Peruviana, vii. 66
 purpurea, vii. 63. 92
 pyrrhonota, vii. 65. 68
 riparia, vii. 61. 91
 rufa, vii. 62
 ruficeps, vii. 66
 rufifrons, vii. 64
 rupestris, vii. 61. 94
 rupicollis, vii. 68
 rustica, vii. 61
 rutila, vii. 67
 Senegalensis, vii. 63
 Sinensis, vii. 59
 Smithii, vii. 61
 subis, vii. 63
 Tahitica, vii. 66
 tapera, vii. 64
 thalassinus, vii. 66
 torquata, vii. 67
 urbica, vii. 60. 89
 velox, vii. 59
 violacea, vii. 63
 virescens, vii. 68
 viridis, vi. 365; vii. 65
 Histrionicus, viii. 609
 Hoazin, viii. 4. 132
 Hobby, vi. 26. 200
 orange-breasted, vi. 28
 orange-legged, vi. 26
 spotted-tailed, vi. 57
 Hocco, viii. 3. 98
 Holopodius, viii. 392
 Honey-eater, cowled, vi. 412
 graculine, vi. 415
 knob-fronted, vi. 412
 Honey-suckers, vi. 412
 Hoopoe, Cape, vii. 381
 Hoopoes, vii. 379. 398
 proper, vii. 380
 Hornbill, Angola, vii. 418

Hornbill, bifronted, vii. 417
 Bontian, vii. 417
 channelled, vii. 417
 crested, vii. 434
 crowned, vii. 418
 furrowed, vii. 417
 gingi, vii. 417
 great-billed, vii. 416
 Indian, vii. 417
 Malabar, vii. 416
 Panayan, vii. 417
 plowed, vii. 418
 psittaceous, vii. 465
 rhinoceros, vii. 416
 striped-tailed, vii. 418
 trumpet, vii. 416
 unicorn, vii. 416
 violaceous, vii. 417
 Hornbills, vii. 415
 Horsefoot, viii. 385
 race, viii. 609
 Houbara, viii. 302
 Houppifère, Macartney, viii. 240
 Houppifères, viii. 30. 240
 Howler, great grey, of Sweden, vi. 74
 Howler, vi. 74
 Humming-bird, broad-shafted, vii. 374
 crested brown, vii. 373
 crested green, vii. 372
 giant, vii. 398
 harlequin, vii. 372
 long-tailed, vii. 369
 racket-tailed, vii. 376
 red-throated, vii. 375
 sapphire, vii. 375
 smallest, vii. 376
 supercilious, vii. 368
 Tobago, vii. 375
 topaz, vii. 368
 tufted-necked, vii. 373
 white-bellied, vii. 375
 Humming-birds, vii. 367. 393
 Huppert, vi. 45
 Hute du soleil, viii. 346
 Hybarra, viii. 455
 Hydrobates, viii. 607. 609
 Hydrocorax dilophus, viii. 591
 Hylophilus, vi. 464
 poicilotis, vi. 464
 thoracicus, vi. 464
 Ibagau, vii. 113
 Ibis, viii. 358. 512
 albicollis, viii. 519
 bald, viii. 361
 bare-necked, viii. 360
 Bengala, viii. 360
 black, viii. 363

Ibis, black-faced, viii. 362. 518
 calva, viii. 361
 candida, viii. 355
 Cayenne, viii. 361
 chalcopetra, viii. 362
 crested, viii. 363
 Egyptian, viii. 355
 infuscata, viii. 361
 green, viii. 363. 518
 leucopygus, viii. 363
 macca, viii. 360
 melanocephalus, viii. 360
 Molucca, viii. 360
 nandapoa, viii. 355
 nudifrons, viii. 361
 oxycercus, viii. 361
 papillosa, viii. 360
 plumbeus, viii. 362
 religiosa, viii. 359. 518
 sacred, viii. 359
 scarlet, viii. 362. 518
 Theban, viii. 360
 white, viii. 363
 white-headed, viii. 356. 363
 white-necked, viii. 361
 wood, viii. 355
 Ibycter, vi. 40
 leucogaster, vi. 41
 Icteria dumicola, vi. 355
 Icterus, vii. 167; viii. 688
 anticus, vii. 171
 pecoris, vii. 168
 sulcirostris, vii. 168
 Tanagrinus, vii. 171
 Ictinia, vi. 56
 Ilha do Cirne, viii. 443
 Imber, lesser, viii. 552
 Imbrim, viii. 631
 Indicator, great, vii. 537
 Levaillantii, vii. 462
 major, vii. 462
 Indicators, vii. 462. 537
 Iora scapularis, vi. 448; viii. 686
 Ipecati apoa, viii. 601
 Irena, viii. 683
 puella, vi. 373
 Iriburubicha, vi. 164
 Irupero, vi. 326
 Ispida Carolinensis, vii. 408
 Ixos, vi. 388. 390; viii. 684
 virescens, vi. 389
 chalcoccephalus, vi. 390

Jabiru, viii. 349
 American, viii. 351. 508
 Brasiliensis, viii. 507
 guacu, viii. 508
 Senegal, viii. 352

- Jabiru, white-bellied, viii. 349
 Jabinus, viii. 351. 507
 Jacamaciri, vii. 437
 Jacamar, alcyon, vii. 437
 great, vii. 437
 green, vii. 436
 Paradise, vii. 436
 rufous-tailed, vii. 436
 three-toed, vii. 438
 Vaillant's great, vii. 437
 white-billed, vii. 436
 white-bellied, vii. 437
 Jacamars, vii. 435
 Jacamerops, vii. 437
 Jacana, viii. 395
 chestnut, viii. 396
 Chinese, viii. 397
 faithful, viii. 398. 539
 Indian, viii. 396
 variable, viii. 396
 Jacanas, viii. 395. 537
 Jacob, vii. 387
 Jackdaw, vii. 176. 332
 little, vii. 134
 Jaco, vii. 496
 Jaculot, cinereus, vii. 408
 Jacurutu, vi. 72
 Jahana, viii. 395
 Janfredic, le, vi. 391. 438
 Jaseurs, vi. 503. 508
 Jay, vii. 181
 blue, vii. 179. 181
 Cayenne, vii. 179
 of Europe, vii. 181
 Paraguan, vii. 180
 Peruvian, vii. 179
 red-billed, vii. 179. 335
 Jays, vii. 335
 Jean le Blanc, vi. 40
 Jensen, viii. 622
 Julang, vii. 579

 Kakelick, viii. 52
 Kamichi, viii. 397. 538
 Kestrell, vi. 26. 201
 lesser, vi. 26
 rufous-backed, vi. 28. 202
 Kingfisher, Asiatic, vii. 410
 azure, vii. 414
 belted, vii. 408
 black and white, vii. 408
 black-billed, vii. 412
 black-capped, vii. 410
 Biru, vii. 410
 blue-eared, vii. 413
 blue-headed, vii. 409
 Cape, vii. 410
 cinereous, vii. 408
 Kingfisher, common, vii. 426
 Coromandel, vii. 411
 crab-eating, vii. 411
 crested, vii. 409
 double-eyed, vii. 412
 Gaudichaud's, vii. 428
 great African, vii. 408
 great brown, vii. 413
 green-headed, vii. 411
 grey-fronted, vii. 410
 half-collared, vii. 410
 Indian, vii. 409
 Leach's, vii. 429
 little, vii. 413
 Meninting, vii. 414
 purple, vii. 409
 rufous, vii. 409
 rufous and green, vii. 40
 sacred, vii. 428
 Senegal, vii. 411
 Smyrna, vii. 410
 spotted, vii. 408
 stuffed, vii. 112
 supercilious, vii. 409
 Ternate, vii. 411
 three-toed, vii. 414
 varied, vii. 112
 white and green, vii. 408
 white-headed, vii. 411
 Kingfishers, vii. 407. 424
 King, little, vii. 246
 of the couroumous, iv. 164
 Kinki, viii. 235
 Kite, black, vi. 58
 Brazilian, vi. 40. 235
 Carolina, vi. 58
 common, vi. 58. 241
 Etolian, vi. 243
 Mississippi, vi. 243
 swallow-tailed, vi. 58
 Kites, vi. 57. 241
 Klake, viii. 603
 Knot, viii. 376
 Krai, white, vi. 189

 Labbes, viii. 579
 Lagopedes, viii. 39
 Lamellirostres, viii. 597. 657
 Lamprotornis, vi. 393
 erythrophiiis, vi. 395
 metallicus, vi. 394
 Langrayen, vi. 286. 487
 Laniarius, vi. 270
 Lanio, vi. 270. 315
 Lanius, vi. 262
 Afer, vi. 267
 albus, vi. 269
 Americanus, vi. 266

Lanius Antiquanus, vi. 271
Ardosiaceus, vi. 270
atricapillus, vi. 272
atricilla, vi. 291
atrococcineus, vi. 272
backakiri, vi. 271
barbarus, vi. 270
bicolor, vi. 266
Borealis, vi. 269. 485
boubou, vi. 265. 272
boubo, viii. 678
brubru, vi. 265
cæsius, vi. 273
Canadensis, vi. 273
Capensis, vi. 265
carbo, vi. 317
Carolinensis, vi. 270
Cayanus, vi. 290
cærulescens, vi. 372
collaris, vi. 265
collurio, vi. 264
collurio rufus, vi. 263
corvinus, vi. 267
cristatus, vi. 268
Cuba, vi. 267; viii. 678
curvirostris, vi. 285
doliatus, vi. 272
Dominicanus, vi. 288
domicilla, vi. 275
drongo, vi. 371
emeria, vi. 486
erythropterus, vi. 267. 271; viii. 678
excubitor, vi. 263. 269. 485
excubitor minor, vi. 263
ferrugineus, vi. 267. 272
frontalis, vi. 295
forficatus, vi. 371
Gambensis, vi. 267
guttatus, vi. 273
gutturalis, vi. 271
infaustus, vi. 375
inquisitor, vi. 290; viii. 680
karu, vi. 269; viii. 677
kirkoccephalus, vi. 269
leucocephalus, vi. 287; viii. 679
leucogaster, vi. 287
leucorhynchus, vi. 288
Leverianus, vi. 295
luctuosus, vi. 275
Ludovicianus, vi. 270. 485
macrourus, vii. 164
Madagascariensis, vi. 266
Malabaricus, vi. 371
melanocephalus, vi. 269. 389
meleager, vi. 276
Mellivorus, vi. 267
Manillensis, vi. 288
Meridionalis, vi. 264; viii. 677

Lanius mitratus, vi. 292
mystaceus, vi. 268
nævius, vi. 273
Naotka, vi. 270
Natka, vi. 270
Nengeta, vi. 322
Nubicus, vi. 265
oleagineus, vi. 270
olivaceus, vi. 270
ornatus, vi. 271
Pacificus, vi. 268
*palliatu*s, vi. 275
Panayensis, vi. 269
pendens, vi. 268
personatus, vi. 265
picatus, vi. 295
pileatus, vi. 292
pitungua, vi. 320
plumatus, vi. 286
poliocephalus, vi. 266
Pomeranus, vi. 264
punctatus, vi. 273
rufescens, vi. 265
ruficeps, vi. 265
ruficollis, vi. 264
rufus, vi. 264. 294
rutilus, vi. 264
rutilus γ, vi. 271
scapulatus, vi. 268
scapularis, viii. 677
schah, vi. 268
Senegalensis, vi. 267
Septentrionalis, vi. 269
severus, vi. 275
signatus, vi. 267
silens, vi. 268
spinitorquens, vi. 264
stagurus, vi. 272
sulphuratus, vi. 320
superciliosus, vi. 265
Tabuensis, vi. 269
tyrannus var., vi. 323
validus, vi. 292
viridis, vi. 288
Lanner, vi. 29
Lanting, viii. 50
Lapwing, viii. 460. 462
Lapwings, viii. 318, 319
Lark, vii. 116
African, vi. 479
Alpine, vii. 210
Azara's, vii. 119
black, vii. 118. 196
cinereous, vii. 120
clapper, vii. 117. 210
common, vii. 194
crested, vii. 116. 205
desert, vii. 119
double-banded, vii. 119

- Lark, double-crested, vii. 119. 212
 dusky, vi. 478
 field, vii. 194. 477
 gingi, vii. 120
 great-billed, vii. 119
 Isabella, vii. 196
 Italian, vii. 117
 Malabar, vii. 120
 meadow, vi. 477
 mutable, vii. 118
 New Zealand, vii. 120
 red, vi. 479
 red-backed, vii. 117. 210
 red-crowned, vii. 118
 rufous, vi. 479
 Senegal, vii. 120
 short-toed, vii. 117. 209
 sky, vii. 116. 194
 undated, vii. 117
 white, vii. 196
 white-banded, vii. 119
 willow, vi. 478
 wood, vii. 117. 207
- Larks, vii. 193
 field, vii. 55 ; vi. 477
 sea, viii. 530
- Larus, viii. 573. 644
 Andouinii, viii. 578
 Arcticus, viii. 576
 argentatoides, viii. 577
 argentatus, viii. 574. 576
 atricella, viii. 576
 canus, viii. 575
 catarractes, viii. 579
 cirrhocephalus, viii. 576
 crepidatus, viii. 579
 cyanorhynchus, viii. 575
 Dominicanus, viii. 578
 eburneus, viii. 575
 erythropus, viii. 575
 flavipes, viii. 575
 fuscus, viii. 575
 glaucoides, viii. 576
 glaucus, viii. 574
 hæmatorhynchus, viii. 578
 Hybernus, viii. 575
 ichthyæus, viii. 577
 leucomela, viii. 574
 leucopthalmus, viii. 576
 leucopterus, viii. 576
 maculipennis, viii. 578
 marinus, viii. 574
 melanocephalus, viii. 577
 melanurus, viii. 577
 minutus, viii. 577
 nævius, viii. 574
 Pacificus, viii. 574
 parasiticus, viii. 579. 580
 poliocephalus, viii. 576
- Larus ridibundus, viii. 575
 rissa, viii. 579
 roseus, viii. 578
 Sabini, viii. 576
 tridactylus, viii. 579
- Lavandières, vii. 53
- Leptopteryx, vi. 287
 leucorhynchus, vi. 287
- Leptosomus, vii. 461
- Lestris, viii. 579
 catarractes, viii. 580
 pomarinus, viii. 580
- Limacula glottis, viii. 386
 marmorata, viii. 374
- Limosa, viii. 372. 528
 ægocephala, viii. 374
 candida, viii. 375
 Meyeri, viii. 373
 rufa, viii. 373
- Linaria, vii. 141
- Lindo azul, vi. 299
 azul cabeza blanca, vi. 306
 bello, vi. 305
 celeste oro y negro, vi. 306
 pardo carpo amarillo, vi. 333
- Linnet, vii. 262
 great red-headed, vii. 142
 lesser red-headed, vii. 141
- Linnets, vii. 139. 141. 252
- Liponix, viii. 31
- Lobipes, viii. 391. 532
- Lobopesineanus, viii. 392
- Loggerhead, vii. 387
- Lohong, viii. 304
- Longipennes, viii. 563. 639
- Longirostres, viii. 358. 512
- Lophophores, viii. 13
- Lophophorus, viii. 13. 153
 Cuvieri, viii. 14
 refulgens, viii. 14
 Wallichii, viii. 15
- Lophorina, vii. 191
- Lophyrus, viii. 73
- Loriots, vi. 540
- Lory, black-capped, vii. 500
 blue-tailed, vii. 501
 Bornean, vii. 492
 Ceram, vii. 501
 collared, vii. 500
 grand, vii. 491
 king's, vii. 580
 unicolor, vii. 500
- Lorys, vii. 500
- Loxia, vii. 160
 Abyssinica, vii. 132. 134
 Angolensis, vii. 160
 Astrild, vii. 153
 atricapilla, vii. 154
 bella, vii. 153

Loxia Brasiliana, vii. 154
 Brissonii, vii. 157
 Canadensis, vii. 157
 cantans, vii. 153
 Capensis, vii. 137
 cardinalis, vii. 156
 chloris, vii. 155. 309
 coccothraustes, vii. 156. 309
 cœrulea, vii. 157
 collaria, viii. 159
 cuvirostra, vii. 160. 161
 cyanea, vii. 153
 Dominicana, vii. 137
 enucleator, vii. 161
 erythrina, vii. 162
 erythromelas, vii. 158
 falcistrostris, vi. 161
 fasciata, vii. 155
 flamenco, vii. 162
 frontalis, vii. 146
 fusca, vii. 153
 fuscata, vii. 153
 grossa, vii. 157
 guttata, vii. 155
 hæmatina, vii. 155
 Hamburgia, vii. 135
 ignicolor, vii. 137
 leucoptera, vii. 161. 316
 lineola, vii. 159
 Ludoviciana, vii. 154
 macroura, vii. 134. 151
 Madagascariensis, vi. 266; vii. 155
 Maia, vii. 152
 Malacca, vii. 152
 melanura, vii. 156
 melanocephala, vii. 134
 melanoleuca, vi. 288
 Mexicana, vi. 315
 minuta, vii. 159
 Molucca, vii. 151
 nigra, vii. 154
 nitida, vii. 152
 noctis, vii. 160
 ostrina, vii. 156
 oryx, vii. 136
 oryzivora, vii. 153
 pensilis, vii. 132
 Philippina, vii. 131
 Portoricensis, vii. 158
 psittacea, vii. 162
 punctularia, vii. 152
 pyrrhula, vii. 158
 pytiopsittacus, vii. 161. 316
 quadricolor, vii. 151
 quinticolor, vii. 155
 rosea, vii. 157. 162
 sanguinirostris, vii. 151
 Siberian, vii. 159

Loxia socia, vii. 133
 striata, vii. 152
 torrida, vii. 160
 variegata, vii. 152
 violacea, vii. 158
 Virginica, vi. 315
 Loyca, vii. 326
 Lulu, vii. 117. 207
 Lypornix, vii. 463
 unicolor, vii. 463
 Lyres, vi. 426; vii. 1
 Macao à bec crochu, viii. 549
 cornu, viii. 549
 petit, viii. 550
 Macareux, viii. 633
 Maccaw, vii. 481
 blue and yellow, vii. 482
 Brazilian green, vii. 483
 hyacinthine, vii. 482. 577
 military, vii. 482
 parrakeet, vii. 483
 parrot, vii. 483
 purple-backed, vii. 483
 red and blue, vii. 482. 577
 red, yellow, and blue, vii. 482
 varied, vii. 482
 Maccaws, vii. 576
 Machetes, viii. 381
 Macreuse, viii. 607. 665
 Macroductyli, viii. 394
 Macroductylus, viii. 537
 Macroptera, viii. 687
 Macropteryx, viii. 687
 Macropus, vii. 458
 caixana, vii. 459
 phasianellus, vii. 459
 Macroramphus, viii. 371. 608
 Macrotrastus, viii. 532
 Macucagua, viii. 328
 Mænura, vi. 426; vii. 1
 Magpie, vii. 179
 Bernet's, vii. 334
 common, vii. 333
 Malaconotus, vi. 271; viii. 678
 Malcoha à bec peint, vii. 465
 red and green, vii. 464
 red-headed, vii. 464
 rouverdin, vii. 464
 Malcohas, vii. 464. 538
 Maleyka, viii. 349
 Malkoha Java, vii. 465
 Malurus, vi. 466; vii. 39
 Africanus, vii. 348
 Brownii, vi. 469
 clamans, vi. 467
 exilis, vi. 469
 galactoides, vi. 467

- Malurus gracilis*, vi. 467
 hirundinaceus, vi. 469; viii. 686
 Lambertii, vi. 468
 leucopterus, vi. 469; vii. 164
 palustris, vi. 468
 superciliosus, vi. 469
 textilis, vii. 164
Manakin, Papuan, vi. 345
 Peruvian, vi. 427
 rock, vi. 427; vii. 2
 striped-headed, vi. 431
 tuneful, vi. 298
Manakins, vi. 427; vii. 1
 true, vi. 428
Manchots, viii. 637
Mandurria, viii. 519
Mangoipe, viii. 400
Mankerro, viii. 400
Manloague, viii. 400
Mantelé, le, vi. 329
Manucode, vii. 339
Marabouts, viii. 350
Marcia, viii. 622
 fistularis, viii. 622
Marten, vii. 89
Martens, vii. 57
Martin, common, vi. 547
 greatest, vii. 59
Martins, vi. 421. 546
Martins-chasseurs, vii. 413
Mauve, viii. 574
Mbiyui, vii. 94
Mbiyumbopi, vii. 103
Megalurus, vi. 467
 palustris, vi. 480
Megapode à pieds rouges, viii. 401
Megapodius, viii. 71. 399. 540
 Duperrey, viii. 400
 Freycinet, viii. 400. 540
 La Perouse, viii. 400
 mænura, vi. 426
 Reinwardtii, viii. 540
Meleagris, viii. 15. 154
 gallopavo, viii. 16
 ocellata, viii. 16
 satyra, viii. 31
Meliphaga, vi. 412. 413. 416
 chrysocephala, vi. 398
 cyanops, vi. 415
 Javanica, vi. 390
 maculata, vi. 419
 mystacalis, vi. 419
 reticulata, vi. 419
Melithreptus, vi. 420; vii. 357. 390
 agilis, vii. 359
 albicapillus, vii. 359
 albicollis, vii. 359
 ater, vii. 359
 atricapillus, vii. 358
Melithreptus canescens, vii. 358
 cardinalis, vii. 359
 cærulescens, vii. 358
 collaris, vii. 358
 cucullatus, vii. 359
 dibaphus, vii. 359
 erythropigius, vii. 359
 flavicans, vii. 359
 flavicollis, vii. 359
 fuscus, vii. 358
 guttatus, vii. 359
 melanoleucus, vii. 359
 melanops, vii. 359
 Novæ Hollandiæ, vii. 359
 obscurus, vii. 358
 Pacificus, vii. 358
 pyrrhopterus, vii. 358
 sanguinolentus, vii. 359
 sannio, vii. 359
 tenuirostris, vii. 358
 vestiarius, vii. 358
 virescens, vii. 359
Mellisuga, vii. 360
Merganser, viii. 673
 Brasilian, viii. 627
 goosander, viii. 625
 hooded, viii. 627
 red-breasted, viii. 626
 smew, viii. 626
Mergulus alle, viii. 555
Mergus, viii. 551. 625. 673
 albellus, viii. 626
 Brasiliensis, viii. 627
 castor, viii. 626
 cucullatus, viii. 627
 merganser, viii. 625. 674
 minutus mustelinus, viii. 626
 serrator, viii. 626
Merion leucoptère, vii. 164
 natté, vii. 164
Meriones maculatus, vi. 470
Merla bicolor, vi. 397
Merle curouje, vi. 388
 de la nouvelle Guinée, vi. 395
 écaillé, le, vi. 414
 fluteur, le, vi. 470
Merles, vi. 374. 510
Merlin, vi. 26
 common, vi. 200
 rock, vi. 200
Merops, vii. 400
 albifrons, vi. 417; vii. 405
 amictus, vii. 403
 apiaster, vii. 400
 auritus, vi. 418
 badius, vii. 401
 Bengalensis, vii. 401
 Brasiliensis, vii. 405
 Bullock, vii. 404

Merops cærulescens, vii. 405
Cafer, vii. 365. 405
carunculatus, vi. 413; vii. 405.
 413
Cayanensis, vii. 402
chrysocephalus, vii. 405
chrysopterus, vi. 417
cinereus, vii. 405
Cinnatus, vi. 416; vii. 405
congener, vii. 405
corniculatus, vi. 412; vii. 405
Coromandus, vii. 403
cucullatus, vi. 417; vii. 405
Cuvieri, vii. 402
cyanops, vi. 415; vii. 405
Daudin, vii. 403
Egyptius, vii. 401
erythropterus, vii. 402
fasciculatus, vi. 416; vii. 405
garrulus, vi. 417; vii. 405
gularis, vii. 403
Javanicus, vii. 405
Lamarckii, vii. 402
Leschenault, vii. 404
Malimbicus, vii. 403
melanurus, vii. 405
minutus, vii. 404
Molluccensis, vi. 414
monachus, vi. 412; vii. 405
niger, vi. 416
Novæ Zealandiæ, vi. 416
olivaceus, vi. 418; vii. 356
Orientalis, vii. 405
ornatus, vi. 417; vii. 401
Philippinus, vii. 402
Phrygius, vi. 414; vii. 405
puella, vii. 422
quinticolor, vii. 403
rufus, vii. 354; viii. 689
Savignii, vii. 402
Senegalensis, vii. 401
Spiza, vi. 420
superbus, vii. 401
superciliosus, vii. 401
torquatus, vii. 401
urica, vii. 404
viridis, vii. 401. 402
Merula, vi. 510. 530
 candida, vi. 374
 flaviostris, vi. 380
 leucocephala, vi. 374
 tristis, vi. 380
 varia, vi. 374
Messenger, vi. 251
Microdactylus, viii. 326
 cristatus, viii. 326
Micropterus, viii. 609. 665
Micropus Alpinus, vii. 59
 murarius, vii. 58

Millouins, viii. 612. 668
Milvago, vi. 40
 ochrocephalus, vi. 41
Milvina, vi. 57
Milvus, vi. 57
 cenchris, vi. 57
 sphenura, vi. 36. 59
Mimeta, vi. 399; viii. 684
 flavocinctus, vi. 399
 meruloides, vi. 399
 viridis, viii. 684
Mira mata, viii. 28
Mirafa Javanica, vii. 119
Missel, vi. 524
Mitou poranga, viii. 3
Mitous, viii. 3
Mitu, viii. 6
Mniotella, vii. 356; viii. 686
 varié, vii. 356
Monarcha, vi. 328
Monasa, vii. 463
 personata, vii. 463
Monaulus Impeyanus, viii. 14
Mocking-birds, vi. 510
Moqueurs, vi. 510
Moineau du Brésil, vii. 150
 ignicolor, vii. 137
Molénar, le, vi. 329
Molinar, vi. 494
Momotus, vii. 423
Montain, grand, vii. 129
Mormon, viii. 556
 fratercula, viii. 556
 glacialis, viii. 557
Morinellus marinus, viii. 385
Morphnus, vi. 43
Morus parvus, viii. 595
Moschatus, viii. 618
Motacilla, vi. 434, 435. 474; vii. 3. 7.
 50
Motacilla CEnanthe, vi. 435; vii. 4
 æstiva, vi. 460. 472
 Afra, vi. 476
 Africana, vi. 470
 aguimp, vi. 475
 alba, vi. 475; vii. 51
 albicapilla, vi. 448
 albicollis, vi. 460. 462
 Alpina, vi. 465; vii. 37
 aquatica, vi. 443
 arcola, vi. 447
 arundinacea, vi. 442; vii. 30
 atrata, vi. 440
 atricapilla, vi. 340. 369. 444.
 475
 auropapilla, vi. 454
 Awatcha, vi. 464
 bananivora, vi. 463
 Blackburniæ, vi. 460

Motacilla, *boarula*, vi. 476
Bonariensis, vi. 450
Borealis, vi. 461
cærulea, vi. 459
cærulescens, vi. 475
Cafra, vi. 447
calidris, vi. 463
Calliope, vi. 440
campestris, vi. 463
Canadensis, vi. 454. 457
Capensis, vi. 475. 476. 477
caprata, vi. 436
caryophyllacea, vi. 448
Cayana, vii. 172
chloroleuca, vi. 462
chrysocephala, vi. 462
chrysogastra, vi. 476
chrysoptera, vii. 172
cincta, vi. 454
cinerea, vi. 475
Cingalensis, vi. 448
citrina, vi. 452
citreola, vi. 476
coronata, vi. 454
cristata, vi. 333
curruca, vi. 445; vii. 34
cyanea, vi. 450. 468
cynocephala, vii. 172
cyanura, vi. 447
Dominica, vi. 462
dorsalis, vi. 464
dumetorum, vi. 445
erithacus, vi. 440
erythrogaster, vi. 447
familiaris, vii. 129
ficedula, vi. 340
flava, vi. 476; vii. 54
flavescens, vi. 449
flavicauda, vi. 333
flavifrons, vii. 172
fulicata, vi. 436
fulva, vi. 472
fuscata, vi. 450
fuscescens, vi. 462
fuscicollis, vi. 461
garrula, vi. 445
Gibraltariensis, vi. 440
Guira, vi. 463
gularis, vi. 402. 463
hirundinacea, vii. 357
hortensis, vi. 446
Hudsonica, vi. 475
hypolaïs, vi. 472
icterocephala, vi. 456
Indica, vi. 476
ischecantschia, vi. 435. 450
Kamtschatkensis, vi. 463
leucomela, vi. 436
leucorhoa, vi. 437

Motacilla lineata, vii. 172
littorea, vi. 450
livida, vi. 449
longipes, vi. 452
longirostra, vi. 450
Ludoviciana, vi. 460. 472
lugubris, vi. 475
luscinia, vi. 441
lutescens, vi. 447
macroura, vi. 391
maculosa, vi. 455
Madagascariensis, vi. 463
Maderaspata, vi. 453. 475
Mauritiana, vi. 449. 473
melanocephala, vi. 476
melanops, vi. 476
modularis, vi. 465
multicolor, vi. 462
murina, vi. 447
nævia, vi. 443
nigrirostris, vi. 447
nisoria, vi. 445
ochirura, vi. 450
olivacea, vi. 448
palmarum, vi. 454
Patagonica, vi. 461
passerina, vi. 445
Pennsylvanica, vi. 456
pensilis, vi. 460
petechia, vi. 460
phænicurus, vi. 440
Philippensis, vi. 436
Philomela, vi. 441
pinguis, vi. 454
protonotharius, vii. 172
provincialis, vi. 446
pusilla, vi. 471
regulus, vii. 39
rubecula, vi. 439
rubicola, vi. 435
ruficauda, vi. 461
ruticilla, vii. 122
salicaria, vi. 443
scialis, vi. 440
schænobanus, vi. 443
Scheltobriusk, vi. 476
silvia, vi. 444
Sinensis, vi. 449
solitaria, vi. 438
Southern, vi. 370
speciosa, vi. 478
spinicauda, vii. 349
Stapazina, vi. 435
striata, vi. 456
subflava, vi. 391. 469
Suecica, vi. 439
sulphurea, vi. 476
sunamisica, vi. 450
sutoria, vi. 450

Motacilla tigrina, vi. 457
 titys, vi. 440
 typhia, vi. 448
 trochilus, vi. 472; vii. 41
 Troglodytes, vi. 473
 Tschutschensis, vi. 476
 umbria, vi. 454
 undata, vi. 449
 velia, vi. 305
 varia, vi. 464; vii. 356
 variegata, vi. 475
 vermivora, vii. 172
 virens, vi. 456
 viridis, vi. 475
 Zeylonica, vi. 448
Motmot, vii. 423
 Brasilian, vii. 406
 Dombey, vii. 407
 red-headed, vii. 407
Motmots, vii. 406
Mouette cendrée, viii. 578
 grande, viii. 578
Mouettes, viii. 574
Mud-hen, fresh-water, viii. 402
Murier, vi. 502
Muscicapa, vi. 318. 328. 339
 Aëdon, vi. 344. 494
 Afra, vi. 330
 agilis, vi. 352
 albicapilla, vi. 333
 albifrons, vi. 342
 albiventer, vi. 327
 alector, vi. 354
 alectura, vi. 354
 ampelina, vi. 354
 animosa, vi. 323
 Arcadica, vii. 337
 armillata, vi. 333
 atra, vi. 324. 350
 atricapilla, vi. 339, 340. 343.
 501
 audax, vi. 320
 aurantia, vi. 292. 337. 339
 auricomis, vi. 417
 Australis, vi. 347. 370
 azurea, vi. 341
 azurov, vi. 493
 Banyumas, vi. 345
 barbata, vi. 324. 332. 347; viii.
 681
 bicolor, vi. 337. 350, 351. 362
 biloba, vi. 372
 Borbonica, vi. 330
 cæruleocapilla, vi. 342
 cærulea, vi. 329. 341. 459; viii.
 683
 cæsia, vi. 273. 353
 Caledonica, vi. 367
 Cambaiensis, vi. 347

Muscicapa Canadensis, vi. 351
 cana, vi. 362
 cantatrix, vi. 345. 356
 Capensis, vi. 341
 carinata, vi. 328. 331
 Carolinensis, vi. 385
 caudacuta, vi. 334
 Cayanensis, vi. 349
 cinerascens, vi. 325
 cinerea, vi. 321. 323
 Cingalensis, vi. 331
 cinnamomea, vi. 332
 coccinigastra, vi. 348
 Cochinsinensis, vi. 341
 collaris, vi. 329. 340
 colonus, vi. 336
 comata, vi. 341
 coronata, vi. 332. 338. 349; viii.
 682
 crepitans, vi. 296
 cristata, vi. 328. 330. 352
 cucullata, vi. 347
 cyanea, vi. 329
 cyanoccephala, vi. 342
 cyanomelas, vi. 344
 cyanorostri, vi. 333
 Deserti, vi. 329
 despotes, vi. 319
 diopie, vi. 277
 diops, vi. 353
 divaricata, vi. 373
 Dominicana, vi. 327
 emarginata, vi. 373
 erineta, vi. 320
 erythrogaster, vi. 348
 erythropis, vi. 341
 eximia, vi. 353
 ferox, vi. 324
 ferruginea, vi. 351
 flabellifera, vi. 368
 flammea, vi. 346
 flammiceps, vi. 354
 flava, vi. 327
 flavicauda, vi. 326. 350
 flavicollis, vi. 329
 flavifrons, vi. 347
 flavigaster, vi. 368
 flaviventris, vi. 334
 forficata, vi. 319
 fucata, vi. 319
 fuliginosa, vi. 351; vii. 122
 fusca, vi. 324. 334. 350
 fuscescens, vi. 330
 galeata, vi. 326
 Goodenovii, vi. 348
 grisea, vi. 343
 griseo capilla, vi. 343
 grisola, vi. 339. 493
 gularis, vi. 353

Muscicapa hæmorrhousa, vi. 344. 331. 388

- hirundinea*, vi. 345; viii. 682
- hyacinthina*, vi. 346
- icteropterys*, vi. 334
- indigo*, vi. 345
- Joazeiro*, vi. 322
- Javanica*, vi. 344. 346
- labrosa*, vi. 331; viii. 681
- Lathamii*, vi. 348
- legatus*, vi. 321
- leucura*, vi. 342
- longicauda*, vi. 319
- longipes*, vi. 356; viii. 683
- Ludoviciana*, vi. 320
- lutea*, vi. 367
- Luzoniensis*, vi. 330
- maculata*, vi. 348
- Madagascariensis*, vi. 330
- mæsta*, vi. 326
- malachura*, vi. 468
- Manillensis*, vi. 342
- mastacalis*, vi. 354
- melanictera*, vi. 345
- melanoleuca*, vi. 329
- melanocephala*, vi. 347. 469
- melanopsis*, vi. 367
- melanops*, vi. 333
- melanoptera*, vi. 329. 351
- melodia*, vi. 356
- meloxantha*, vi. 341
- miniata*, vi. 346
- minuta*, vi. 351. 459
- mitrata*, vi. 455
- monacha*, vi. 336
- multicolor*, vi. 348
- muscipeta*, vi. 340
- mutata*, vi. 330
- mystacea*, vi. 327. 367
- nævia*, vi. 367
- nigerrima*, vi. 333
- nigricans*, vi. 334
- nigriceps*, vi. 326
- nigrifrons*, vi. 343
- nitens*, vi. 345
- nitida*, vi. 341
- nivea*, vi. 326
- Novæ Hollandiæ*, vi. 367
- Noveboracensis*, vi. 356
- nunciola*, vi. 324. 350
- obscura*, vi. 332. 345. 347; viii. 682
- obsoleta*, vi. 352
- ochracea*, vi. 363
- ochrocephala*, vi. 367
- ochroleuca*, vi. 352
- oleaginea*, vi. 325
- olivacea*, vi. 356
- pagana*, vi. 325

Muscicapa Paradisii, vi. 330

- parva*, vi. 340
- passerina*, vi. 348
- pectoralis*, vi. 367. 434
- petechia*, vi. 336
- Phœbe*, vi. 324. 350
- phænoleuca*, vi. 333
- Philippensis*, vi. 330
- plumbea*, vi. 325
- polyglotta*, vi. 322
- Pondicheria*, vi. 342
- pririt*, vi. 340
- pristinaria*, vi. 344. 494
- psalura*, vi. 355
- Psidii*, vi. 342. 388
- punctata*, vi. 334
- pygmæa*, vi. 352
- querula*, vi. 349. 350
- rapax*, vi. 350
- rhodogastra*, vi. 348
- rhodoptera*, vi. 346
- rivularis*, vi. 354
- rosea*, vi. 342
- rubra*, vi. 315. 334
- rubricollis*, vi. 314. 359
- rufescens*, vi. 338
- ruficapilla*, vi. 334
- rufifrons*, vi. 351. 369
- rufina*, vi. 327
- rufiventris*, vi. 344
- rupestris*, vi. 354
- ruticilla*, vi. 350; viii. 682
- ruticollis*, vi. 333
- Sandwichensis*, vi. 347
- Saya*, vi. 350; viii. 682
- scita*, vi. 344
- sebrica*, vi. 344
- Senegalensis*, vi. 331. 340
- sibilans*, vi. 326
- sibilator*, vi. 334
- silva*, vi. 356
- similis*, vi. 322
- Sinensis*, vi. 343
- solitaria*, vi. 355
- spadicea*, vi. 332
- stellata*, vi. 357; viii. 683
- stenura*, vi. 354; viii. 682
- straminea*, vi. 354
- strangulata*, vi. 325
- streptophora*, vi. 340
- subflava*, vi. 346
- Suiriri*, vi. 352
- sulfurea*, vi. 326
- superciliosa*, vi. 343
- Surinama*, vi. 352
- sylvicola*, vi. 355
- tectec*, vi. 343
- thamnophiloides*, vi. 322
- torquata*, vi. 341

- Muscicapa tyrannus*, vi. 319
undulata, vi. 344
varia, vi. 327
variegata, vi. 343
velata, vi. 325
ventralis, vi. 353
vetula, vi. 319
virens, vi. 350
virescens, vi. 353
virgata, vi. 352
viridis, vi. 355
vittigera, vi. 325
vociferans, vi. 354
Yetapa, vi. 320
Yiperu, vi. 319
- Musophaga*, vii. 508. 584
gigantea, vii. 507
variegata, vii. 507
violacea, vii. 508
- Muthurau*, viii. 27
- Mycteria*, viii. 351. 507
Americana, viii. 351. 508
Senegalensis, viii. 352
macropterus, vi. 368
- Myiagra*, vi. 368
plumbea, vi. 368
rubecoloides, vi. 368
- Myiothera*, vi. 399; viii. 685
affinis, vi. 400
brachyura, vi. 400
campanisona, vi. 404
capistrata, vi. 405
Coraya, vi. 408
ferruginea, vi. 408
fuliginosa, vi. 405
leuconota, vi. 409
loricata, vi. 406
malura, vi. 407
melanothorax, vi. 405
mentalis, vi. 405
nematura, vi. 406
perspicillata, vi. 406
pileata, vi. 406
ruficeps, vi. 409
rufimarginata, vi. 408
squamata, vi. 406
strictothorax, vi. 405
superciliaris, vi. 278. 405
tetema, vi. 404
tinnicus, vi. 403
umbretta, vi. 404
velata, vi. 400
- Myioturdus*, vi. 403
- Myophonus*, vi. 402
metallicus, vi. 403
- Myrmothera*, vi. 403; viii. 685
axillaris, vi. 407
cœrulescens, vi. 409
Colma, vi. 404
- Myrmothera fuscicapilla*, vi. 407
gutta, vi. 409
longipes, vi. 407
melanoleucos, vi. 407
tetema, vi. 404
tinnica, vi. 544
- Mystacinus*, vii. 123
- Nabirop*, vi. 393
- Nacagua*, vi. 52
- Nacunda*, vii. 76
- Nacurutu*, vi. 72
sans aigrettes, vi. 83
- Nandou*, viii. 296
- Nandu*, viii. 438
- Nauclerus*, vi. 58
- Nasican le*, vii. 351
- Nectarinia*, vi. 412. 418; vii. 353. 389
aurifrons, vii. 365
Cafer, vii. 365
coccinogaster, vii. 363
eximia, vii. 363
Hasselti, vii. 363
Kuhlii, vii. 365
lepida, vii. 363
metallica, vii. 364
melanopogon, vii. 365
melanorhynchus, vii. 365
mysticalis, vii. 364
pectoralis, vii. 363
rubricosa, vii. 357
solaris, vii. 363. 365
- Nectris fuliginosa*, viii. 570
munda, viii. 570
- Nelicourvi*, vii. 132. 231
- Nemosia*, vi. 310
flavicollis, vi. 310
ruficapilla, vi. 310
- Neophron*, vi. 19
- Neops ruficauda*, vii. 346
- Nightingale*, vi. 441; vii. 12
river, vi. 441; vii. 29
- Nisser*, vi. 22
- Nisus*, vi. 53
- Noctua*, vi. 77
- Noddies*, viii. 585
- Notherodius Guarauna*, viii. 333
- Nothura*, viii. 70
- Noumenois*, viii. 519
- Numenius*, viii. 364
Africanus, viii. 380. 531
arcuata, viii. 365
arquatus, viii. 519
atricapillus, viii. 366
brevirostris, viii. 366
cyanopus, viii. 365
Hudsonicus, viii. 365
leucocephalus, viii. 366

- Numenius longirostris*, viii. 365
Luzoniensis, viii. 366
Madagascariensis, viii. 364
pusillus, viii. 380
pygmæus, viii. 366. 380
rufus, viii. 364. 366
Tahitiensis, viii. 366
tenuirostris, viii. 365
variabilis, viii. 379
virgatus, viii. 364
Numida, viii. 16
Ægyptica, viii. 18
cristata, viii. 17. 168
Meleagris, viii. 17. 163
mitrata, viii. 18
ptylorhyncha, viii. 18
Nutcracker, vii. 183. 336. 387
Nutjobber, vii. 387
Nuthatch, vii. 344. 385
 common, vii. 385
 spotted, vi. 408
Nyroca, viii. 612

Ocypterus, vi. 286. 487
 albovittatus, vi. 287
 fuscatus, vi. 287
 rufiventer, vi. 288
Odontophorus, viii. 268
 rufus, viii. 59
Œdicnemus, viii. 306. 322. 455
 crepitans, viii. 306
 Europæus, viii. 456
 grallarius, viii. 307
 longipes, viii. 307
 maculosus, viii. 306
 magnirostris, viii. 307
 recurvirostris, viii. 307
Oenanthe, vi. 440; vii. 3
Oenas cata, viii. 42
 bicinctus, viii. 44
Oidemia, viii. 607
 leucoptera, viii. 608
Oiseau de Paradis noir, vii. 191
 de Saint Martin, vi. 65
Onocratalus, viii. 587
 Phoenix, viii. 589
Onores, viii. 337
Onychorhynchus, vi. 332
Opæthus, vii. 507
 Buffonia, vii. 507
 erythrolophus, vii. 507
Opetiorhynchus, vii. 354
Ophie, vii. 354
Ophiotheres, vi. 68
Ophistolophus, viii. 399
 fidelis, viii. 399
Opisthocomus, viii. 11. 133
Orambleu, l', vi. 394

Oranga, vii. 474
Oranor, vii. 122
Oricou, l', vi. 163
Oriole, black, vii. 318
 black and yellow, vii. 166
 Bonana, vii. 170
 chestnut, vii. 167
 Coudougan, vi. 397
 crested, vii. 166. 317
 golden, vi. 540
 of Europe, vi. 397
 olive, vii. 167
 Paradise, vi. 398
 red, vii. 173
 red-breasted, vii. 169
 red-rumped, vii. 166
 rice, vii. 133
 St. Domingo, vii. 167
 weaver, vii. 131
 white-winged, vi. 311; vii. 170
 yellow, vii. 318
 yellow-winged, vii. 167
Orioles, vi. 540
 true, vi. 396
Oriolus, vi. 396
 Americanus, vii. 169
 annulatus, vi. 397
 arundinarius, vi. 398
 auratus, vi. 397
 aureus, vii. 191. 398
 Baltimore, vii. 170
 bicolor, vi. 397; vii. 403
 Bonana, vii. 170
 Capensis, vi. 398; vii. 167
 castaneus, vii. 167
 caudacutus, vii. 149
 Cayanus, vii. 167
 chrysocephalus, vii. 167
 citrinus, vii. 169
 Cochinchinensis, vi. 397
 cristatus, vii. 171. 166
 Dominicensis, vii. 167
 furcatus, vi. 398
 galbula, vi. 397. 540
 galbula β , vi. 397
 galbula γ , vi. 398
 Guyanensis, vii. 171
 hippocrepis, vi. 398
 icterocephalus, vii. 170
 icterus, vii. 169
 Jamaicæ, vii. 171
 larvatus, vi. 397
 leucogaster, vi. 398
 leucopterus, vi. 311. 398; vii. 170
 Ludovicianus, vii. 133
 maculatus, vi. 398
 melaleucos, vi. 311
 melancholicus, vii. 171

- Oriolus melanocephalus*, vi. 397
 Mexicanus, vii. 168. 170
 minor, vi. 134. 169
 monachus, vi. 397
 mutatus, vii. 167
 niger, vii. 133
 Novæ Hispaniæ, vi. 397
 olivaceus, vii. 168
 oryzivorus, vii. 133. 134
 Persicus, vii. 166
 Phœnicus, vii. 169
 picus, vii. 351. 398
 radiatus, vi. 397
 regens, vi. 398
 ruber, vii. 173
 Sinensis, vi. 397. 424
 spurius, vii. 170
 textor, vi. 398; vii. 131. 134
 variegatus, vi. 399
 varius, vii. 167
 viridis, vi. 399
 xanthocephalus, vii. 170
 xanthonotus, vi. 398
 xanthornus, vii. 170
Orphæa, vii. 34
Orpheus cærulescens, vi. 387
 curvirostris, vi. 387
Ortalida, viii. 10
Orthonyx, vii. 347
 spinecaudatus, vii. 347
Orthorhynchus, vii. 372
 amazilia, vii. 379
 Cora, vii. 376
 frontalis, vii. 345
 stephanoides, vii. 373
Ortolan, vii. 126
Ortygis, viii. 62
Ortygonometra, viii. 406
 crex, viii. 407
 marmorata, viii. 407
Ortyx Douglasii, viii. 61
 picta, viii. 61
Osprey, vi. 36. 39. 230
 Carolina, vi. 39
 Cayenne, vi. 39
Ossifrage, vi. 230
Ostralega Europæa, viii. 323
 leucopus, viii. 324
Ostrich, viii. 422
 black, viii. 295
 of Magellan, viii. 438
Ostriches, viii. 295
Otis, viii. 300
 Abyssinica, viii. 304
 Afra, viii. 302
 Arabs, viii. 303
 atriceps, viii. 304
 aurita, viii. 304
 Australis, viii. 305
Otis Barrowii, viii. 304
 Bengalensis, viii. 303
 Caffra, viii. 305
 Denhami, viii. 303. 455
 Houbara, viii. 302. 454
 Indica, viii. 305
 Nubia, viii. 303
 Rhoda, viii. 302
 tarda, viii. 301
 tetrax, viii. 301. 453
 torquata, viii. 303
Otus, vi. 71
Ouira-ouassa, vi. 181
Ourax, viii. 5
 mitu, viii. 6. 119
Ourigourap, vi. 20. 189
Owzel, brook, viii. 402
 ring, vi. 375. 534
 white-tailed, vi. 375
Owl, *Arcadian*, vi. 81
 bare-legged, vi. 83
 barn, vi. 75
 bay, vi. 75
 black-headed, vi. 84
 Brasilian, vi. 76
 brown, vi. 71
 Cayenne, vi. 82
 chestnut-winged, vi. 81
 common long-eared, vi. 71
 common passerine, vi. 79
 common white, vi. 75. 257
 Coquimbo, vi. 79. 258
 cross-bearing, vi. 86
 crossed, vi. 85
 downy, vi. 82
 falconine, vi. 78
 fasciated, vi. 82
 ferruginous, vi. 81
 great American horned, vi. 72
 great-horned, vi. 76
 hairy, vi. 85
 Hardwicke's naked-legged, vi. 77
 hawk, vi. 78
 howling, of Canada, vi. 74
 hutum, vi. 77
 Indian, vi. 84. 85
 Lempyi, vi. 84
 large-billed, vi. 73
 little, vi. 80. 259
 little-eared, vi. 255
 long-billed, vi. 73
 masked, vi. 83
 Mauge's, vi. 85
 mouse, vi. 75
 noisy, vi. 73
 occipital, vi. 82
 Oriental eared, vi. 73
 pagoda, vi. 85
 pearl, vi. 81

- Owl, red and mottled, vi. 83
 red-eared, vi. 256
 red-passerine, vi. 80
 short-crested, vi. 71
 short-eared, vi. 71
 snowy, vi. 79. 256
 Sonnerat's, vi. 85
 sparrow-like, vi. 82
 spectacle, vi. 83
 spotted-eared, vi. 72
 supercilious, vi. 77
 Tenglmalm's, vi. 80
 tuidara, vi. 75
 Ural, vi. 78
 variegated, vi. 78
 white, vi. 79
 white-eared, vi. 84
 white-edged, vi. 86
 white-horned, vi. 73
 wood of England, vi. 76
- Owls, vi. 251
 falconine, vi. 77
 horned, vi. 71
- Oxytelus, viii. 63
 Oxyglossus, viii. 686
 Oxyrhinci, vii. 321. 171
 Oxyrhincus, vii. 171
 cristatus, vii. 347
 flammiceps, vii. 171. 347
- Oxyura, viii. 615
 Oyster-catcher, brown-backed, viii. 323
 New Holland, viii. 323
 pied, viii. 323. 466
 Oyster-catchers, viii. 322. 466
- Pachycephala, vi. 369; viii. 685
 fuliginosa, vi. 370
 fusca, vi. 369
 olivacea, vi. 370
 striata, vi. 434
- Pachyptila, viii. 570. 642
 Pachyrhynchus, viii. 679. 680
 Cayanus, vi. 290
 cinerascens, vi. 291
 Cuvierii, vi. 291
 niger, vi. 291
 rufescens, vi. 291
 semifasciatus, vi. 290
 variegatus, vi. 292
- Palæornis, vii. 484. 558
 Palamedea, viii. 397. 538
 cornuta, viii. 398
 cristata, viii. 326
- Palikours, vi. 544
 Palmipedes, viii. 545. 628
 Pandion, vi. 39
 caracara, vi. 235
- Paons, viii. 12
 Paonzello, viii. 462
 Paradisea, vii. 188
 alba, vii. 191. 383
 apoda, vii. 189. 341
 aurea, vii. 191; viii. 684
 chalybea, vi. 289; vii. 191
 cirrhatus, vii. 191
 furcata, vii. 191
 gularis, vi. 395; vii. 191
 leucoptera, vii. 191
 magnifica, vii. 190
 minor Papuana, vii. 191
 nigra, vi. 395; vii. 191
 regia, vii. 190. 342
 rubra, vii. 189
 sexsetacea, vii. 190
 superba, vii. 191
 tristis, vi. 422. 547
 viridis, vi. 289
- Pardalotus, vi. 431
 cristatus, vi. 430
- Parkinsonius mirabilis, vi. 426
 Parotia, vii. 190
 Parra, viii. 395
 Ænea, viii. 396
 Africana, viii. 396. 397
 Brasiliensis, viii. 396
 Cayennensis, viii. 321
 chavaria, viii. 396. 398
 Chinensis, viii. 397
 Dominica, viii. 322
 gallinacea, viii. 397
 Goensis, viii. 321
 Indica, viii. 396
 Jacana, viii. 396. 537
 Ludoviciana, viii. 321
 Luzoniensis, viii. 397
 melanchloris, viii. 396
 mutica, viii. 397
 nigra, viii. 396
 Senegalla, viii. 321
 superciliosa, viii. 396
 variabilis, viii. 396
 viridis, viii. 396
- Parrakeet, vii. 483
 Alexandrine, vii. 485
 Amboina red, vii. 488
 Angola yellow, vii. 484
 banded, vii. 484
 Bengal, vii. 485
 black, vii. 486. 492
 blossom-headed, vii. 485
 blue-banded, vii. 578
 Brazil yellow, vii. 483
 bridled, vii. 491
 brown-throated, vii. 489
 Carolina, vii. 489
 Cayenne, vii. 490

Parakeet, collared, vii. 484
 crimson-fronted, vii. 492
 crimson-winged, vii. 487
 golden, vii. 492
 golden-crowned, vii. 489
 grey-breasted, vii. 490
 grey-cheeked, vii. 490
 Illinois, vii. 489
 lace-winged, vii. 491
 lory, vii. 491
 Malacca, vii. 485
 mustache, vii. 490
 nonpareil, vii. 487
 Papuan, vii. 486
 Pavouane, vii. 483
 Pennant's, vii. 487
 racket-tailed, vii. 493
 red and blue-headed, vii. 489
 red-breasted, vii. 486
 red-shouldered, vii. 492
 red-winged, vii. 491
 scaly-breasted, vii. 484
 Sincialo, vii. 486
 Tabuan, vii. 488
 Turcosine, vii. 493
 undulated, vii. 492
 wave-breasted, vii. 484
 yellow-collared, vii. 485
 yellow-winged, vii. 490
 zoned, vii. 493
 Parraqua, viii. 128
 Parraquas, viii. 10
 Parrot, Amazon, vii. 497. 584
 Amboina, vii. 499
 autumnal, vii. 498
 Barnard's, vii. 581
 Bauer's, vii. 580
 black-headed, vii. 502
 black-winged, vii. 501
 blue-crested, vii. 503
 blue-faced, vii. 497. 579
 blue-fronted, vii. 498
 blue-headed, vii. 496. 503
 bonneted, vii. 500
 Brazil, vii. 497
 Brown's, vii. 487. 580
 collared, vii. 502
 common green, vii. 497
 diadema, vii. 500
 Dufresne's, vii. 497
 dusky, vii. 497
 dusty green, vii. 498
 festive, vii. 498
 Geoffroy's, vii. 499
 gold-headed, vii. 501
 great-bellied, vii. 491
 green, vii. 584
 green and red Chinese, vii. 499
 gregarious, vii. 504

Parrot, grey, vii. 496
 grey-headed, vii. 502
 ground, vii. 505
 Guinea, vii. 503
 Havanna, vii. 498
 hawk-headed, vii. 499
 Indian green, vii. 502
 King's, vii. 580
 large black, vii. 487
 Le Vaillant's, vii. 499
 marked, vii. 496
 masked, vii. 487. 579
 New Zealand, vii. 506
 nonpareil, vii. 579
 Otaheite, vii. 503
 passerine, vii. 501
 Pavouane, vii. 489. 578
 Pennant's, vii. 579
 Philippine, vii. 502
 pileated, vii. 501
 plain, vii. 503
 purple, vii. 496
 racket-tailed, vii. 582
 red-banded, vii. 492. 497
 red-crowned, vii. 495
 red-masked, vii. 499
 red-sided, vii. 499
 Rosehill, vii. 579
 sapphire-crowned, vii. 502
 Senegal, vii. 499
 short-winged, vii. 503
 small, vii. 492
 Sparman's, vii. 503
 spotted, vii. 579
 Swindernian, vii. 502
 Tabuan, vii. 488. 531
 Ternate blue-headed, vii. 490
 Tui, vii. 501
 varied, vii. 581
 vernal, vii. 502
 violet, vii. 503
 white-breasted, vii. 496
 white-fronted, vii. 498
 white-headed, vii. 498
 yellow-faced, vii. 499
 yellow-green, vii. 504

Parrots, vii. 481. 547
 filamentous tongued, vii. 579
 nimble, vii. 505
 with a trunk, vii. 504

Partridge, viii. 37. 45
 African, viii. 50
 Asiatic, viii. 55
 Austral, viii. 55
 beautiful, viii. 55
 brown, viii. 54
 brown African, viii. 47
 buff-breasted, viii. 55
 Cape, viii. 48

O

- Partridge, Caspian, viii. 52
 Ceylon, viii. 46. 47
 chestnut-bellied, viii. 55
 Chukar, viii. 54
 Clapperton's, viii. 46
 common, viii. 51. 264
 Cranch's, viii. 49
 Curria, viii. 48
 Damascus, viii. 51
 dusky-breasted, viii. 55
 dwarf, viii. 55
 eye-brown, viii. 55
 eyed, viii. 53
 francolin, viii. 45
 Gingi, viii. 57
 gorget, viii. 54. 55
 Greek, viii. 52. 266
 grey, viii. 264
 Guernsey, viii. 51. 265
 Guiana, viii. 59. 268
 Hayes, viii. 53
 Javan, viii. 50
 Lawrence, viii. 55
 Leona, viii. 55
 little, vi. 544
 Malacca, viii. 33
 Mexican, viii. 61
 Mosambique, viii. 55
 mountain, viii. 52
 naked-necked, viii. 49
 New Holland, viii. 65
 olive, viii. 54. 55
 Oriental, viii. 55
 pearled, viii. 46
 perching, viii. 55
 Pondicherry, viii. 45
 red, viii. 52. 265
 red-billed, viii. 55
 red-necked, viii. 49
 rock, viii. 65
 rufous-breasted, viii. 52
 rust-bellied, viii. 55
 true, viii. 51
 undulated, viii. 55
 white-cheeked, viii. 55
 wood, viii. 53
 Partridges, viii. 260
 American, viii. 267
 Parulus ruficeps, vii. 347
 Parus, vii. 120
 Alpinus, vii. 123
 amatorius, vii. 123
 Americanus, vi. 459; vii. 123
 ater, vii. 120. 218
 atricapillus, vii. 122
 atriceps, vii. 122
 biarmicus, vii. 123. 222
 bicolor, vii. 121
 ceruleus, vii. 121
 Parus Capensis, vii. 124
 caudatus, vii. 121. 220
 celer, vii. 123
 Chinensis, vii. 123
 cinerascens, vii. 123
 cinereus, vii. 123
 coccineus, vii. 122
 cristatus, vii. 121
 cyaneus, vii. 122
 furcatus, vii. 122. 123
 griseus, vii. 123
 ignotus, vii. 123
 Indicus, vii. 123
 Kujæsuk, vii. 122
 lugubris, vii. 122
 macrocephalus, vii. 123
 major, vii. 120
 Malabaricus, vi. 346; vii. 122
 Narbonensis, vii. 124
 niger, vii. 123
 Novæ Zelandiæ, vii. 123
 palustris, vii. 121. 122. 218
 pendulinus, vii. 124
 peregrinus, vi. 346
 Selbyensis, vii. 122
 Sibiricus, vii. 122
 Stömeli, vii. 123
 Virginianus, vii. 123
 Passeres, vi. 261
 third family of the, vii. 116
 fourth family of the, vii. 344
 Passerina, vii. 136
 fusca, vii. 138
 macronyx, vii. 138
 maculata, vii. 138
 ruficapilla, vii. 129
 Pastor, vi. 392. 413. 422; viii. 684
 candidus, vi. 423
 corythaix, vi. 422
 fuscus, vi. 422
 griseus, vi. 424
 Galla, vi. 424
 ruficollis, vi. 425
 setiger, vi. 396
 temporalis, vi. 422
 tricolor, vi. 423
 Patre, le, vi. 436
 Pauxi, viii. 5
 mitu, viii. 119
 Pavo, viii. 12
 bicalcaratus, viii. 13. 150
 cristatus, viii. 12
 Javanicus, viii. 13
 muticus, viii. 12. 150
 spiciferus, viii. 13
 Thibetanus, viii. 13
 Pavonino, viii. 462
 Peacock, viii. 135
 crested, viii. 12

Peacock, iris, viii. 13
 Japan, viii. 12
 little, viii. 480
 Luzonian, viii. 304
 Malay, viii. 24
 wild, viii. 305. 462
 Peacocks, viii. 12
 Pelecanoides, viii. 570
 Pelican, viii. 587. 648
 greater frigate, viii. 593
 Pelicans, viii. 587
 Pelicanus, viii. 587
 Africanus, viii. 591
 aquilus, viii. 593
 bassanus, viii. 594
 carbo, viii. 590
 cristatus, viii. 591
 fuscus, viii. 588
 Goemardi, viii. 592
 graculus, viii. 590
 Manillensis, viii. 588
 minor, viii. 593
 nævus, viii. 591
 onocrotalus, viii. 588
 Palmerstonii, viii. 593
 parvus, viii. 595
 perspicillatus, viii. 589
 Philippensis, viii. 588
 piscator, viii. 594
 punctatus, viii. 591
 pygmaeus, viii. 591
 roseus, viii. 588
 rufescens, viii. 589
 sula, viii. 594
 trachyrhynchus, viii. 589
 Vieillotii, viii. 589
 Pelidna, viii. 378
 cinclus, viii. 379
 pectoralis, viii. 379
 Pendulinus chrysocephalus, vii. 167
 flavigaster, vii. 167
 longirostris, vii. 169
 rufigaster, vii. 168
 Penelope, viii. 7. 104. 120
 Aburvi, viii. 10
 Arracuan, viii. 8
 cristata, viii. 8. 120
 Cumanensis, viii. 8. 123
 guttata, viii. 8
 Jacuacu, viii. 8
 Jacucacu, viii. 8
 Jacupeba, viii. 8
 Jacupemba, viii. 8
 jacutinga, viii. 8
 leucolophus, viii. 8
 marail, viii. 8. 9. 125
 obscura, viii. 9
 pipile, viii. 9. 123

Penelope satyra, viii. 31
 siffleur, viii. 123
 superciliaris, viii. 10
 Penguin, Antarctic, viii. 562
 apterous, viii. 563
 Cape, viii. 563
 Chiloe, viii. 562
 common, viii. 559
 crested, viii. 561
 great, viii. 559
 hairy, viii. 562
 little, viii. 562
 Magellanic, viii. 562
 New Holland, viii. 563
 Papuan, viii. 561
 Patagonian, viii. 560
 red-footed, viii. 561
 three-toed, viii. 562
 woolly, viii. 562
 Penguinaria cristata, viii. 561
 Patachonica, viii. 560
 Penguins, viii. 556. 558
 Pepoaza, vi. 322
 couronné, vi. 325
 Dominicain, vi. 327
 Percnoptera, vi. 19
 Percnoptère, le, vi. 15
 Percnopteri, vi. 186
 Percnopterus, monk, vi. 20
 of Egypt, vi. 20. 186
 Perdix, viii. 45. 261
 Adamsonii, viii. 46
 Afra, viii. 46. 50
 Arragonica, viii. 43
 Asiatica, viii. 55
 Australis, viii. 56
 Ayamham, viii. 50
 Borealis, viii. 59
 Cambayensis, viii. 55
 Cambienensis, viii. 33
 Capensis, viii. 49
 Capueira, viii. 59
 Caspia, viii. 52
 Chukar, viii. 54
 cinereo-alba, viii. 51
 clamator, viii. 48
 Clappertonii, viii. 46
 Cranchii, viii. 49
 Damascena, viii. 51
 dentata, viii. 59
 ferruginea, viii. 55
 fusca, viii. 54
 Gardnerii, viii. 47
 Gibraltarica, viii. 64
 Gingica, viii. 57
 Græca, viii. 52
 grisea, viii. 58
 gularis, viii. 50. 53

- Perdix Hardwickii, viii. 48
 Hayii, viii. 53
 Hudsonicus, viii. 60. 403
 Le Vaillantii, viii. 49
 longirostris, viii. 50
 lunulata, viii. 48
 Madagascariensis, viii. 46
 Næra, viii. 61
 Novæ Guineæ, viii. 58
 oculea, viii. 53
 olivacea, viii. 54
 perlatus, viii. 46
 personata, viii. 53
 rubiginosa, viii. 58
 rubra, viii. 52
 rufina, viii. 59
 saxatilis, viii. 52
 scutata, viii. 54
 Sinensis, viii. 46
 Sonnini, viii. 60
 spadiceus, viii. 47
 sylvatica, viii. 53
 textilis, viii. 57
 thoracica, viii. 50
 torqueola, viii. 55
 varia, viii. 65
 ventralis, viii. 55
 Zeilonicus, viii. 47
 Pernis, vi. 59
 Petrel, American, viii. 568
 broad-billed, viii. 571
 brown-banded, viii. 566
 cinerea, viii. 565
 diving, viii. 570
 dusky, viii. 569
 echasse, viii. 567
 fulmar, viii. 565
 giant, viii. 565
 grey, viii. 566
 hartie, viii. 565
 Mank's, viii. 569
 Pacific, viii. 569
 pintado, viii. 565
 shear water, viii. 568
 stormy, viii. 566. 642
 turtle, viii. 566
 Petrels, viii. 564. 639
 giant, viii. 641
 Petrocincla, vi. 375
 Petrodroma, vi. 420; vii. 352
 Bailloni, vii. 353
 sanguinea, vii. 353
 Petroica, viii. 685
 Pettichaps, vi. 446
 lesser, vi. 472
 Pezopous, vii. 505
 Pezoporus, vii. 559
 Pezus, viii. 67
 Pezus niamba, viii. 68
 serratus, viii. 67
 Yapura, viii. 68
 zabele, viii. 68
 Phæne, vi. 21
 gigantea, vi. 22
 Phænicophæus, vii. 464
 calorhynchus, vii. 465
 Javanicus, vii. 465
 superciliosus, vii. 465
 viridis, vii. 464
 Phænicopterus, viii. 418. 543
 antiquorum, viii. 420
 leucogaster, vii. 464
 minor, viii. 420
 ruber, viii. 419
 Phæopus, viii. 365
 arcuatus, viii. 365
 Phaetons, viii. 596. 656
 ætherius, viii. 596
 phænicurus, viii. 597
 Phalacrocorax, viii. 589
 Phalarope, gray, viii. 392
 hyperborean, viii. 391
 plain, viii. 384
 red, viii. 391
 Phalaropus, viii. 383. 391. 532
 fimbriatus, viii. 392
 frenatus, viii. 392
 fulicarius, viii. 384
 rufus, viii. 384
 Welleamsii, viii. 391
 Wilsonii, viii. 392
 Phaleris, viii. 557. 635
 cerorhynca, viii. 558
 Phasianus, viii. 18
 Africanus, vii. 507; viii. 33
 Amherstii, viii. 25
 Argus, viii. 24
 castaneus, viii. 28
 Colchicus, viii. 22. 225
 Crawfordii, viii. 27
 cristatus, viii. 11. 32. 33
 cruentatus, viii. 47. 264
 Diardi, viii. 23. 235
 erythrophthalmus, viii. 28
 fuscus, viii. 13
 gallopavonis, viii. 22
 gallus, viii. 19
 Gardneri, viii. 47
 garrulus, viii. 129
 Hamiltonii, viii. 27
 ignitus, viii. 30. 240
 Impeyanus, viii. 14. 33
 Lathamii, viii. 26
 leucomelanos, viii. 14. 33
 melanocephalus, viii. 29
 Mexicanus, viii. 33

Phasianus motmot, viii. 10. 33. 129

 muthura, viii. 27
 Nepaulensis, viii. 29
 nycthemerus, viii. 233
 Parraka, viii. 10
 Parragua, viii. 33. 129
 pavoninus, viii. 13
 pictus, viii. 23
 Pucrasse, viii. 26
 Reevesii, viii. 25
 rufus, viii. 28
 satyrus, viii. 31
 superbus, viii. 25
 torquatus, viii. 22
 varius, viii. 21
 veneratus, viii. 25
 versicolor, viii. 23. 241

Pheasant, African, vi. 38

 Argus, viii. 24. 235
 bar-tailed, viii. 26
 black-headed, viii. 29
 brown Nepaul, viii. 29
 brown Penang, viii. 28
 Butrol, viii. 21
 Chittagong, viii. 27
 coloured, viii. 14
 common, viii. 225
 Crawford's, viii. 27
 fire-backed, viii. 240
 golden, viii. 23
 horned, viii. 241
 hybridal, viii. 22. 232
 Impeyan, viii. 14
 lineated, viii. 27
 motmot, viii. 10
 Nepaul, viii. 241
 painted, viii. 232
 Parraka, viii. 10
 Pukraas, viii. 26
 Reeves', viii. 25
 ring, viii. 22. 232
 rufous-tailed, viii. 28
 sanguine, viii. 47. 264
 silver, viii. 23. 233
 Sumatra, viii. 28
 superb, viii. 21. 239
 Sylhet, viii. 26
 Turkey, viii. 22
 variegated, viii. 231
 white, viii. 232

Pheasants, viii. 18. 21. 37. 170. 225

Phene ossifrage, vi. 190

Phibalura, vi. 433

 flavivestris, vi. 433

Philedon, vi. 411. 546

 auriculatus, vi. 416
 musicus, vi. 413
 Pharoides, vi. 413
 xanthotis, vi. 416

Philemon, vi. 414. 417. 418

 albifrons, vi. 417
 chrysopterus, vi. 414. 417
 chrysotis, vi. 416
 cinereus, vi. 414
 cucullatus, vi. 417
 erythrotis, vi. 416
 icterops, vi. 415
 marmoreus, vi. 415
 nævus, vi. 418
 nigricollis, vi. 419
 sagittatus, vi. 266
 viridis, vi. 415

Philydor albogularis, vii. 347

 ruficollis, vii. 347

Phimus, vii. 507

Phrenotrix, vii. 184

Physeta, vi. 52

Phytotoma, vii. 319

 rara, vii. 319

Piauhaus, vi. 503

Pibe, vii. 56

Pica, vii. 178

 albicollis, vii. 180
 chrysops, vii. 180
 olivacea, vii. 180
 vagabunda, vii. 180

Picchion baillon, vii. 355

Pico de pungo cola de pala, vi. 432

 obscura aplomado, vi. 430

Picuculi, vii. 350. 389

Picumnes, vii. 452

Picumnus abnormis, vii. 453

 cirrhatus, vii. 452

 exilis, vii. 453

Picus, vii. 438. 509

Picus affinis, vii. 449

 albirostris, vii. 442

 arator, vii. 451

 aurantius, vii. 443

 auratus, vii. 451

 aurulentus, vii. 444

 Bengalensis, vii. 443

 bicolor, vii. 447. 449

 Borei, vii. 449

 brachyurus, vii. 449

 Brasiliensis, vii. 449

 Cafer, vii. 451

 campestris, vii. 448. 449

 Canadensis, vii. 446

 canus, vii. 439

 cardinalis, vii. 448

 Carolinus, vii. 447

 Ceylonus, vii. 444

 Chilensis, vii. 443

 chlorocephalus, vii. 445

 chrysochloros, vii. 449

 coronatus, vii. 450

 candidus, vii. 449

- Picus Cayanensis*, vii. 448
chlorolophos, vii. 449
cinnamoneus, vii. 445
concretus, vii. 442
cristatus, vii. 449
Dominicanus, vii. 443. 449
erythraucen, vii. 449
erythrocephalus, vii. 442
erythropros, vii. 449
exalbidus, vii. 445
fasciatus, vii. 449
flavescens, vii. 448
flavicans, vii. 446. 450
flavicollis, vii. 449
flavifrons, vii. 450
fucescens, vii. 449
galeatus, vii. 441
Goensis, vii. 443
Goertan, vii. 444
hirsutus, vii. 450
hirundinaceus, vii. 446
icterocephalus, vii. 449, 450
icteromelas, vii. 449
ischnorynchos, vii. 449
Javanensis, vii. 449
Jumana, vii. 446
Lathamii, vii. 450
leucogaster, vii. 449
leuconotus, vii. 440
leucotis, vii. 449
Lichtensteinii, vii. 449
lineatus, vii. 441
Luzonicus, vii. 445
Macei, vii. 449
Machloti, vii. 449
maculatus, vii. 449
maculifrons, vii. 450
maculipennis, vii. 449
Mahrattensis, vii. 449
major, vii. 440
Malaccensis, vii. 447
Malacunus, vii. 450
Manillensis, vii. 444
martius, vii. 439
medius, vii. 440. 446
melanochloris, vii. 448
melanoleucos, vii. 441
melanopterus, vii. 449
mentalis, vii. 444
Meropirostris, vii. 449
macrocephalus, vii. 444
miniatus, vii. 445
minor, vii. 449
Moluccensis, vii. 449
mystaceus, vii. 449
olivaceus, vii. 449
palalaca, vii. 445
passerinus, vii. 445
pectoralis, vii. 449
- Picus peralaimus*, vii. 449
percussus, vii. 443
philophenarum, vii. 450
pileatus, vii. 441
poecilophos, vii. 451
poicrolophus, vii. 449
principalis, vii. 441
pubescens, vii. 447
pulverulentus, vii. 442
punctatus, vii. 449
punctiligerus, vii. 449
Punicus, vii. 444
querulus, vii. 448, 449
radiolatus, vii. 449
robustus, vii. 442
rotatus, vii. 449
ruber, vii. 449
rubescens, vii. 450
rubiginosus, vii. 449
rubricollis, vii. 442. 449
rubriventris, vii. 446
ruficeps, vii. 449
rufus, vii. 447
Ruppellii, vii. 449
scutatus, vii. 449
Senegalensis, vii. 444
spilogaster, vii. 449
squamosus, vii. 449
striatus, vii. 448, 449
superciliaris, vii. 448
tiga, vii. 450
torquatus, vii. 443
tridactylus, vii. 450
tristis, vii. 449
undatus, vii. 447
validus, vii. 442
varius, vii. 446
variegatus, vii. 449
Vieillotii, vii. 449
villosus, vii. 446
viridis, vii. 439
vittatus, vii. 449
xanthotaenia, vii. 449
- Pie-grèche de la Louisiane*, vi. 485
Pie-grêches, vi. 262
Pie houpette, vii. 180
Piep, vii. 56
Pies, vii. 178
Pigeon, aromatic, viii. 94
azure, viii. 83
biset, viii. 76. 277
black-banded, viii. 80
black-capped, viii. 82
black-winged, viii. 93
bronze-winged, viii. 78
brown, viii. 90
Cape, viii. 92
carunculated, viii. 72. 273
chestnut-shouldered, viii. 77

Pigeon, domestic, viii. 277
 double-crested, viii. 86
 double-ringed, viii. 84
 Egyptian, viii. 89
 elegant, viii. 80
 ferrugineous-vented, viii. 79
 garnet-winged, viii. 82
 Geoffroy's, viii. 84
 great-crowned, viii. 72. 274
 great-tailed, viii. 85
 grey, viii. 79
 hackled, viii. 80
 hook-billed, viii. 95
 Hottentot, viii. 75
 Hurrial, viii. 291
 jamboo, viii. 81
 Madagascar, viii. 80. 93
 magnificent, viii. 86
 Martinico, viii. 74
 naked-cheeked, viii. 80
 New Zealand, viii. 89
 Nicobar, viii. 73. 275
 nutmeg, viii. 78
 ordinary, viii. 76
 painted, viii. 88
 parrot, viii. 94
 partridge, viii. 73
 passenger, viii. 90
 passerine, viii. 75
 picazuro, viii. 89
 picui, viii. 75
 Pompadour, viii. 95
 porphyry, viii. 85
 purple-breasted, viii. 90
 purple-crowned, viii. 90
 purple-shouldered, viii. 95
 red-crowned, viii. 80
 ring, viii. 76. 275
 ring-tailed, viii. 79
 russet, viii. 81
 St. Domingo, viii. 92
 St. Thomas, viii. 94
 scallop-necked, viii. 79
 scarlet, viii. 89
 silky, viii. 82
 spotted green, viii. 89
 spotted-ring, viii. 78
 squameous, viii. 85
 stock, viii. 76. 276
 Talpacoti, viii. 74
 tambourin, viii. 83
 Temminck's, viii. 83
 tiger, viii. 89
 triangular-spotted, viii. 79
 turtle, viii. 289
 varied, viii. 84
 vinaceous, viii. 84
 violet-naped, viii. 81
 Waaba, viii. 93

Pigeon, Wallia, viii. 291
 whiskered, viii. 83
 white-bellied, viii. 74
 white-crowned, viii. 79
 white-eared, viii. 87
 white-faced, viii. 78
 white-fronted, viii. 74
 white-masked, viii. 82
 white nutmeg, viii. 78
 white-winged, viii. 81
 yellow-faced, viii. 95
 Pigeons, viii. 71. 270
 gallinaceous, viii. 72. 272
 ordinary, viii. 275
 Pillurion, vi. 488
 Pinguin, Cape, viii. 639
 crested, viii. 639
 Patagonian, viii. 638
 Pinguins, viii. 633. 636
 Pinson des bois, petit, vi. 502
 Pintado, viii. 163
 crested, viii. 17. 168
 Guinea, viii. 17
 mitred, viii. 18. 169
 Pintados, viii. 16
 Pipi des buissons, vii. 56
 Pipit, bush, vii. 56
 Javan, vi. 480
 Pিপits, vi. 477; vii. 55
 Pipra, vi. 427, 428; vii. 1
 albifrons, vi. 409
 aureola, vi. 428
 aurocapilla, vi. 428
 caudata, vi. 432
 chloris, vi. 429
 coronata, vi. 431
 crisopogon, vi. 433
 cristatus, vi. 433
 cyanocephala, vi. 430
 Desmaresti, vi. 432
 elata, vi. 431
 erythrocephala, vi. 428, 429
 filicauda, vi. 431
 galeata, vi. 429, 430
 gularis, vi. 432
 gutturalis, vi. 429
 gutturosa, vi. 430
 herbacea, vi. 431
 leucocapilla, vi. 429
 longicauda, vi. 432; viii. 685
 manacax, vi. 429
 melanocephala, vi. 433
 militaris, vi. 433; viii. 685
 musica, vi. 298
 naevia, vi. 338. 409
 nigra, vi. 430
 Papuensis, vi. 345
 pareola, vi. 428
 pectoralis, vi. 430

- Pipra Peruviana*, vi. 427
 pileata, vi. 429
 plumbea, vi. 430
 polyglotta, vi. 355; viii. 683
 punctata, vi. 432
 rubrifrons, vi. 433
 rupicola, vi. 427
 serena, vi. 298, 429
 striata, vi. 431
 strigilata, vi. 429
 superba, vi. 428
Pitpits, vii. 171
Pitta, vi. 400
 Angolensis, vi. 402
 Australis, vi. 401
 brachyura, vi. 401
 cyanoptera, vi. 402
 erythrogastra, vi. 401
 gigas, vi. 401
 glaucina, vi. 403
 hippocrepis, vi. 400
 melanocephala, vi. 401
 pileata, vi. 402; viii. 684
 streptans, vi. 400
 superciliaris, vi. 401
 thoracica, viii. 684
 versicolor, vi. 401
Pitylus, vii. 157, 311
 atrochalybeus, vii. 158
Plantain-eater, vii. 507, 508
 Pauline, vii. 507
 Touraco, vii. 507, 585
 varied, vii. 507
Plastron noir, le, vi. 473; viii. 687
Platalea, viii. 356
 alaia, viii. 357
 leucorodia, viii. 357, 512
 pygmæa, viii. 383
 tenuirostris, viii. 357
Platycercus, vii. 488, 579
Playtypus, viii. 607, 611
 Borealis, viii. 612
 Leisleri, viii. 612
Platyrrhynchus, vi. 320
 albicollis, vi. 331
 aurantius, vi. 337
 barbatus, vi. 332
 Borbonicus, vi. 330
 brachyurus, vi. 338
 brevirostris, vi. 335
 cancromus, vi. 337
 Ceylonensis, vi. 337
 chrysoceps, vi. 335
 cinereus, vi. 335
 collared, vi. 357
 collaris, vi. 329, 357
 coronatus, vi. 338; viii. 682
 cyanoleucus, vi. 331
 Desmarestis, vii. 357
 filicauda, vi. 336
 flavigaster, vi. 331, 335
 hirundinaceus, vi. 335
 leucocephalus, vi. 338
 leucophaeus, vi. 336
 leucotes, vi. 338
 maculatus, vi. 338
 melanoleucus, vi. 331
 melanops, vi. 337
 murinus, vi. 336
 musicus, vi. 337
 mystaceus, vi. 337
 nævius, vi. 338
 olivaceus, vi. 337
 paganus, vi. 336
 perspicillatus, vi. 329
 platurus, vi. 336
 polychopterus, vi. 331
 pusillus, vi. 357
 regius, vi. 337
 rubecula, vi. 331
 rufescens, vi. 338
 ruficauda, vi. 335
 ruficaudatus, vi. 338
 ruficollis, vi. 332
 rufiventris, vi. 331
 sulphureus, vi. 335
 velatus, vi. 331
 virescens, vi. 337
 xanthopygus, vi. 335
Plectrophanes, vii. 128, 227; viii. 600
 melanotus, viii. 601
Ploceus, vii. 130, 229
 alecto, vii. 133
 aurantius, vii. 131
 aurifrons, vii. 132
 Baglafaecht, vii. 132
 bicolor, vii. 135
 collaris, vii. 135
 cristatus, vii. 131, 231
 flavocapillus, vii. 135
 jonquillaceus, vii. 135
 malimbic, vii. 131
 nigerrimus, vii. 134
 nigricollis, vii. 132
 pensilis, vii. 231
 textor, vii. 320
 velatus, vii. 135
Plotus, viii. 595, 655
 anhinga, viii. 656
 Levaillantii, viii. 596
 melanogaster, viii. 595
 Surinamensis, viii. 551
Plover, viii. 455
 alwargrim, viii. 308
 Asiatic, viii. 311
 black-headed, viii. 316
 black-throated, viii. 318

Plover, chestnut-billed, viii. 318
 collared, viii. 460
 crested spur-winged, viii. 316
 euronian, viii. 309
 dotterel, viii. 459
 dusky, viii. 314
 dwarf, viii. 312
 fulvous, viii. 314
 golden, viii. 308. 458
 gregarious, viii. 311
 grisled, viii. 314
 half-webbed, viii. 312
 hooded, viii. 317
 Indian, viii. 310
 Kentish, viii. 309
 long-legged, viii. 307. 392. 533
 Mongolian, viii. 311
 New Holland ringed, viii. 318
 New Zealand, viii. 317
 noisy, viii. 309. 460
 piping, viii. 312
 red-chested, viii. 314
 red-headed, viii. 317
 red-necked, viii. 312
 ringed, viii. 309. 460
 rusty-crowned, viii. 317
 sombre, viii. 315
 spur-winged, viii. 316
 three-banded, viii. 310
 ticksee, viii. 318
 white-bellied, viii. 315
 Wilson's, viii. 310
 wreathed, viii. 316
 Plovers, viii. 305. 307. 455
 Plumipeda, vi. 44
 Pluvianus, viii. 316
 chlorocephalus, viii. 316
 melanocephalus, viii. 316
 Plytolophus, vii. 493
 Pochard, black and white, viii. 616
 duck, viii. 668
 Mexican, viii. 615
 Podarges, vii. 80. 113
 Podargus auritus, vii. 114
 Australis, vii. 81
 cornutus, vii. 81
 Cuvierii, vii. 80
 great-headed, vii. 81
 horned, vii. 81
 humeralis, vii. 81
 Javanensis, vii. 80
 red, vii. 80
 Podiceps, viii. 547. 628
 Americanus, viii. 550
 Arcticus, viii. 548
 Carolinensis, viii. 549
 Chilensis, viii. 550
 kalipareus, viii. 550
 Ludovicianus, viii. 549

Podiceps minor, viii. 549
 occipitalis, viii. 550
 Philippensis, viii. 549
 poliocephalus, viii. 549
 Rollandi, viii. 550
 Podoa, viii. 550
 Podophilus, vii. 460
 Pogonias, vii. 466
 erythromelas, vii. 466
 hæmatops, vii. 467
 lævirostris, vii. 467
 leuconotus, vii. 467
 niger, vii. 467
 personatus, vii. 467
 rubicon, vii. 467
 rubrifrons, vii. 467
 Stephensii, vii. 467
 sulcirostris, vii. 466
 Vieillottii, vii. 467
 Polochion, vi. 414
 Polyborus, vi. 40
 vulgaris, vi. 40
 Polyplectron, viii. 150
 Polyplectrum, viii. 13
 albocellatum, viii. 13
 chalcurum, viii. 13
 chenquis, viii. 13
 Pomatorhinus, vii. 355
 montanus, vii. 355
 trivirgatus, vii. 355
 turdinus, vii. 355
 Pompadour, le, vi. 360
 Porphyrio, viii. 412
 albus, viii. 414
 green-mantled, viii. 413
 Indicus, viii. 414
 irete, viii. 409
 mealy, viii. 414
 melanotus, viii. 413
 pulverulentus, viii. 414
 smaragdinus, viii. 414
 smaragnotus, viii. 413
 tavoua, viii. 413
 Porte lambeaux, le, vi. 425
 Porzana, viii. 406
 Pouillo, vii. 41
 Poulette d'eau, viii. 411
 Poultry, common, viii. 19
 Pratincole, Australasian, viii. 417
 Austrian, viii. 417
 cream-coloured, viii. 418. 543
 Oriental, viii. 418
 Pratincoles, viii. 416. 543
 Pressirostres, viii. 449
 Prinia familiaris, vii. 348
 Prinops, vi. 286
 Geoffroyii, vi. 286
 Priornites, vii. 406. 423
 Brasiliensis, vii. 406

- Prionites marci, vii. 407
 Pririt, le, vi. 331. 340
 Pritandun, vii. 393
 Procellaria, viii. 564
 æquinoctialis, viii. 569
 Anglorum, viii. 569
 Bérard, viii. 565
 Brasiliana, viii. 591
 cærulea, viii. 571
 Capensis, viii. 640. 565
 cinerea, viii. 565
 desolata, viii. 566
 fregatta, viii. 568
 fuliginosa, viii. 569
 furcata, viii. 568
 gigantea, viii. 565
 glacialis, viii. 565
 grallaria, viii. 567
 grisea, viii. 566
 hastata, viii. 570
 hiemalis, viii. 570
 Leachii, viii. 567
 leucocephala, viii. 570
 lugens, viii. 566
 marina, viii. 568
 obscura, viii. 569
 oceania, viii. 567
 Pacifica, viii. 569
 pelagica, viii. 566
 puffinus, viii. 568
 turtur, viii. 566
 urinatix, viii. 570
 velox, viii. 566
 vittata, viii. 571
 Wilsonii, viii. 567
 Procnias, vi. 365. 503
 cucullata, vi. 366; viii. 683
 cyanotropeus, vi. 365
 hirundinacea, vi. 365
 melanocephalus, vi. 507
 ventralis, vi. 365
 Promerar, vii. 383
 Promepie, vii. 451
 Promerops, vii. 381. 399
 bleu, vii. 382
 cæruleus, vii. 382
 Cape, vii. 381
 crested, vi. 330
 moqueur, vii. 405
 Namaquois, vii. 405
 olivatre, vii. 356
 red-billed, vii. 405
 siffleur, vii. 383
 Promerupe, vii. 383
 Psaris, vi. 290; viii. 679. 680
 cayanus, viii. 680
 cristatus, vi. 291
 Cuvierii, vi. 291; viii. 679
 erythrogyens, vi. 291
 Psaris Jardinii, viii. 680
 niger, vi. 292
 spotted, vi. 488
 Psarocolinus leucopteryx, vii. 168
 Psaroides, vi. 392
 Psittacirostra icterocephala, vii. 162
 Psittacules, vii. 501
 Psittacus, vii. 481
 accipitrinus, vii. 499
 æruginosus, vii. 489
 æstivus, vii. 497
 albifrons, vii. 498
 Alexandri, vii. 485. 486
 Amazonicus, vii. 497
 ambiguus, vii. 483
 Amboinensis, vii. 488
 annulatus, vii. 485
 Aracanga, vii. 482
 Ararauna, vii. 482
 aterrimus, vii. 505
 atropurpureus, vii. 488
 aureus, vii. 489
 auricapillus, vii. 484
 Australis, vii. 493
 autumnalis, vii. 498
 Banksii, vii. 495
 barbulatus, vii. 485
 barrabandi, vii. 485. 502
 Bengalensis, vii. 485
 bitorquatus, vii. 486
 Borneus, vii. 492
 Brasiliensis, vii. 497
 Brownii, vii. 487
 buccalis, vii. 490
 cærulifrons, vii. 497
 canicularis, vii. 489
 canus, vii. 502
 capistratus, vii. 491
 Carolinensis, vii. 489
 ehlorolepidotus, vii. 493
 chrysostomus, vii. 492
 cocci, vii. 495
 coccineus, vii. 493
 Columbinus, vii. 497
 concinus, vii. 492
 cornutus, vii. 506
 cristatus, vii. 494
 cyanocephalus, vii. 486
 cyanogaster, vii. 486
 cyanomelas, vii. 488
 cyanotis, vii. 497
 cyanurus, vii. 493. 501
 diadema, vii. 500
 discolor, vii. 492
 Domicella, vii. 493. 500
 Dominicensis, vii. 497
 Dufresnians, vii. 497
 elegans, vii. 487
 eos, vii. 495

Psittacus erithacus, vii. 584
erythacus, vii. 496
erythrocephalus, vii. 485
erythropterus, vii. 487
eupatria, vii. 485
eximius, vii. 487
festivus, vii. 498
flavistrois, vii. 496
formosus, vii. 505
fringillaceus, vii. 503
funereus, vii. 495
galeatus, vii. 495
galeritus, vii. 494
galgulus, vii. 502
garrulus, vii. 493. 501
Geoffroyii, vii. 499
gigas, vii. 505
gingianus, vii. 485
gloriosus, vii. 487
goliath, vii. 505
gramineus, vii. 499
grandis, vii. 491
gregarius, vii. 504
guaruba, vii. 488
guebiensis, vii. 493
guyanensis, vii. 483. 489
hæmatopus, vii. 486
Havanensis, vii. 493
humeralis, vii. 492
hyacinthinus, vii. 482
icterotis, vii. 488
Illigeri, vii. 483
incarnatus, vii. 491
Indicus, vii. 502
infuscatus, vii. 499
inornatus, vii. 484
Leachii, vii. 495
Levaillantii, vii. 499
lori, vii. 500
leucocephalus, vii. 498
leucotis, vii. 484
Lichtensteinii, vii. 493
Ludovicianus, vii. 489
lunatus, vii. 493
luteus, vii. 488
macao, vii. 482. 577
macawuana, vii. 483
macrognathus, vii. 489
macrorhynchus, vii. 491
maitaca, vii. 500
Malaccensis, vii. 485
marginatus, vii. 491
melanocephalus, vii. 496
melanopterus, vii. 501
menstruus, vii. 496
micropterus, vii. 503
militaris, vii. 482
mitratus, vii. 500
Moluccanus, vii. 486

Psittacus Moluccensis, vii. 494
multicolor, vii. 488
murinus, vii. 490
muscarinus, vii. 487
nasicus, vii. 494
niger, vii. 486
Novæ Guineæ, vii. 492
Novæ Zelandiæ, vii. 506
olivaceus, vii. 491
ornatus, vii. 491
Papuensis, vii. 486
passerinus, vii. 501
Patagonicus, vii. 484
Pennanti, vii. 487
personatus, vii. 499
pertinax, vii. 489
phigy, vii. 503
Philippensis, vii. 502
Philippinarum, vii. 494
pileatus, vii. 501
Pondicerianus, vii. 490
porphyrocephalus, vii. 503
porphyryus, vii. 503
pulchellus, vii. 493
pullarius, vii. 503
pulverulentus, vii. 498
purpureus, vii. 496
pusillus, vii. 492
radhea, vii. 493
riciniatus, vii. 493
roseus, vii. 495
ruber, vii. 493
rufistrois, vii. 486
scapulatus, vii. 488. 580
Senegallus, vii. 499
setarius, vii. 493. 582
severus, vii. 483
signatus, vii. 496
simplex, vii. 503
sinensis, vii. 499
solstitialis, vii. 484
sordidus, vii. 497
sosova, vii. 490
Sparmanni, vii. 503
spurius, vii. 488
squamosus, vii. 484
stavorini, vii. 493
sulfureus, vii. 494
swindericianus, vii. 502
Tabuensis, vii. 483
Taitianus, vii. 503
Temminckii, vii. 495
tenuirostris, vii. 495
torquatus, vii. 484. 502
tovi, vii. 490
tricolor, vii. 482
tui, vii. 501
undulatus, vii. 492
unicolor, vii. 493. 500

- Psittacus vasa*, vii. 487
 venustus, vii. 488. 578
 vernalis, vii. 502
 versicolor, vii. 484
 vinaceus, vii. 497
 virescens, vii. 490
 viridissimus, vii. 493
 vittatus, vii. 484
 xanthops, vii. 499
 xanthopterigius, vii. 504
 xanthosomus, vii. 490
 zonarius, vii. 493
Psophia, viii. 327
 crepitans, viii. 328. 470
 leucoptera, viii. 329
 undulata, viii. 302
 viridis, viii. 328
Psophodes, vi. 296
Ptarmigan, viii. 253
Ptarmigans, viii. 39
Pterocles, viii. 41. 256
 arenarius, viii. 43. 259
 bicinctus, viii. 43
 coronatus, viii. 44
 exustus, viii. 42. 258
 guttatus, viii. 42
 Lichtenstenii, viii. 43
 quadricinctus, viii. 44
 setarius, viii. 42
 tachypetes, viii. 42. 258
Pteroglossus, vii. 479
 culik, vii. 480
 Langsdorffii, vii. 480
 Humboldtii, vii. 480
 Reinwardtii, vii. 480
Ptilinopus, viii. 90
Ptilonorhynchus, vi. 294. 400. 548
 holosericeus, vi. 294
 Macleayii, vi. 295; vii. 1
 Smithii, vi. 295
 viridis, vi. 295
Ptiloris paradiseus, vii. 384
Puffinaria, viii. 570
 Garnotii, viii. 570
Puffin, viii. 556
Puffins, viii. 568
Puffinus, viii. 568. 642
 sericeus, viii. 570
Pygargus, vi. 36
Pyrauga, vi. 315
 chlorocephalus, vi. 316
 cinerea, vi. 316
 cyanictensis, vi. 316
 erythromelas, vi. 315
 erythropis, vi. 316
 icteromelas, vi. 316
 icteropus, vi. 316
Pyrgita, vii. 134
Pyrrhocorax, vi. 395
 leucopterus, vi. 396
 violaceus, vi. 294
Pyrrhula, vii. 158. 312
 auranticollis, vii. 158
 azurea, vi. 302
 cinereola, vii. 159
 crispa, vii. 160
 falcistrostris, vii. 159
 frontalis, vii. 160
 longicauda, vii. 160
 mysia, vii. 160
 sanguinirostris, vii. 314
 social, vii. 160
 superciliosa, vii. 158
 synoica, vii. 160

Quail, Andalusian, viii. 62
 Balen, viii. 64
 black-fronted, viii. 62
 black-necked, viii. 62
 Californian, viii. 60
 Chinese, viii. 56
 common, viii. 56. 267
 Coromandel, viii. 57
 crested, viii. 64
 crested, viii. 60
 Dubkee, viii. 65
 elegant, viii. 55
 fighting, viii. 62
 Gibraltar, viii. 64
 grey-throated, viii. 58
 Hottentot, viii. 64
 Luzonian, viii. 63
 Madagascar, viii. 57
 Malouine, viii. 60
 marbled, viii. 55
 Maryland, viii. 59
 montercy, viii. 61
 mottled, viii. 64
 New Guinea, viii. 58
 New Holland, viii. 56
 Oriental, viii. 53. 55
 reddish, viii. 58
 Sonnini's, viii. 60
 Southern, viii. 65
 spotted-necked, viii. 65
 sultry, viii. 65
 white-necked, viii. 58
Quails, viii. 266
 American, viii. 267
 bishop of the, viii. 267
Quan, viii. 8
Querula cinerea, vi. 325
 lumachelli, vi. 503
Quiscalus versicolor, vii. 168

Rachama, vi. 187
 Rachamah, vi. 20
 Rale, viii. 540
 Rail, viii. 540
 banded, viii. 403
 blue-necked, viii. 402
 brown, viii. 404
 Cape, viii. 405
 Ceylon, viii. 406
 clapper, viii. 402
 dark, viii. 410
 dusky, viii. 406
 fasciated, viii. 410
 four streaked, viii. 405
 gular, viii. 405
 land, viii. 541
 little, viii. 408
 long-billed, viii. 403
 New Holland, viii. 410
 Otaheite, viii. 406
 Pacific, viii. 406
 Philippine, viii. 403
 red-breasted, viii. 406
 rufous, viii. 410
 rufous-headed, viii. 410
 Sandwich, viii. 406
 striated, viii. 403
 Tabuan, viii. 406
 Trogodytes, viii. 406
 Virginian, viii. 402
 water, viii. 402. 541
 Rails, viii. 401
 Rallus, viii. 401. 540
 aquaticus, viii. 402. 541
 Ardeoides, viii. 333
 Australis, viii. 406
 Baillioni, viii. 407
 Barbaricus, viii. 406
 Bengalensis, viii. 372
 cærulescens, viii. 402
 Capensis, viii. 405
 Carolinus, viii. 408
 Cayannensis, viii. 408
 Ceylonicus, viii. 406
 chericote, viii. 405
 crepitans, viii. 402
 crex, viii. 406
 dubius, viii. 406
 fasciatus, viii. 410
 ferrugineus, viii. 406
 fuscus, viii. 404
 giganteus, viii. 333. 405
 gigas, viii. 333. 404
 gularis, viii. 405
 Jamaicensis, viii. 408
 limicola, viii. 402
 longirostris, viii. 403
 maximus, viii. 404
 melanurus, viii. 405

Rallus minutus, viii. 408
 nigra, viii. 409
 nigricans, viii. 405
 nigrolateralis, viii. 408
 Noveboracensis, viii. 408
 Pacificus, viii. 406
 parvus, viii. 408
 Pennsylvanius, viii. 402
 phænicurus, viii. 411
 Philippensis, viii. 403
 Porzana, viii. 407
 pusillus, viii. 407
 quadristriatus, viii. 405
 ruficollis, viii. 408
 Sandwicensis, vii. 406
 striatus, viii. 403
 Tabuensis, viii. 406
 Taitiensis, viii. 406
 torquatus, viii. 403
 Trogodytes, viii. 406
 variegatus, viii. 403
 Virginianus, viii. 402
 Ramphastos, vii. 477
 Aldrovandi, vii. 478. 479
 ambiguus, vii. 479
 Aracari, vii. 479
 Azarae, vii. 480
 Baillioni, vii. 480
 callorhynchos, vii. 478
 carinatus, vii. 478
 chlororhynchos, vii. 479
 Cuvieri, vii. 479
 dicolorus, vii. 479
 erythrorynchos, vii. 478
 erythrosemia, vii. 478
 inscriptus, vii. 480
 maculirostris, vii. 480
 maximus, vii. 478
 momota, vii. 406
 pectoralis, vii. 478
 piscivorus, vii. 478
 piperivorus, vii. 480
 Stors, vii. 479
 sulcatus, vii. 480
 Temminckii, vii. 479
 Toco, vii. 477
 Tucai, vii. 478
 Tucanus, vii. 478
 Vaillantii, vii. 479
 viridis, vii. 479
 Ramphocelus, vi. 316
 coccineus, vi. 317
 purpureus, vi. 317
 Ramphopsis, vi. 316
 Razor-bill, viii. 559
 Raven, vii. 175
 white-necked, vii. 177. 330
 Ravens, vii. 326. 327
 Recurvirostra, viii. 393

- Recurvirostra Americana, viii. 394
 avocetta, viii. 393
 Novæ Hollandiæ, viii. 394
 Orientalis, viii. 394
 rubricollis, viii. 394
 Redbreast, vi. 439; vii. 9
 Redpoll, yellow, vi. 460
 Redstart, vi. 440
 American, vi. 350
 Redwing, vi. 528
 Regina aurarum, vi. 164
 Regulus, vi. 471; vii. 39
 Remiz, vii. 123
 Rhaad, viii. 455
 Rhynchaspis, viii. 616 669
 Rhynchops, viii. 586. 648
 albirostris, viii. 587
 brevirostris, viii. 587
 cinerascens, viii. 587
 flavirostris, viii. 586
 nigra, viii. 586
 Rhynchotus, viii. 70
 fasciatus, viii. 71
 Rhipidura, vi. 368
 motacilloides, vi. 369
 Robin, American, vi. 385
 yellow, vi. 370
 Rocar, vi. 376
 Roc, vi. 175
 Roitelet, vi. 473; vii. 7
 Roller, Abyssinian, vii. 186
 African, vii. 188
 Bengal, vii. 186
 blue-striped, vi. 266
 Cayenne, vi. 300
 garrulus, vii. 185. 337
 Madagascar, vii. 188
 Oriental, vii. 188
 red-breasted, vi. 359
 varied, vi. 295
 Rollers, vii. 185. 337, 338
 Rolles, vii. 187. 338
 Rollier à masque noir, vi. 293
 Rook, vii. 176
 Rostratula Capensis, viii. 372
 Rougri, le, vi. 63
 Rouloul, viii. 241
 de Malacca, viii. 31
 Roupenne, le, vi. 393
 Rousseau, le, vi. 265
 Rousseline, vii. 101
 Rousset, le, vi. 272
 Rubiettes, vi. 439; vii. 7
 Runner, velvet, viii. 402
 Rupicola, vi. 427; vii. 2
 Rusticola, viii. 367
 Rynchæa, viii. 371. 528
 Hilarea, viii. 372
 variegata, viii. 372
 Sacre Egyptien, vi. 186
 Saf-saf, viii. 455
 Salangane, vii. 62. 96
 Saltator, vi. 299. 317
 albicollis, vi. 301
 atricollis, vi. 303
 aurantiarostris, vi. 300
 cærulescens, vi. 300, 301
 cyanopterus, vi. 300
 flavus, vi. 300
 maculatus, vi. 302
 melanoleucus, vi. 300
 niger, vi. 302
 olivaceus, vi. 299
 ruber, vi. 302
 rubicus, vi. 301
 ruficapillus, vi. 301
 validus, vi. 302
 virescens, vi. 300
 viridis, vi. 301
 Sanderlings, viii. 378. 529
 Sandpiper, viii. 319
 ash-coloured, viii. 376
 Bartram's, viii. 390
 booted, viii. 390
 Cayenne, viii. 321. 464
 common, viii. 389
 equestrian, viii. 382
 goa, viii. 321
 green, viii. 388
 green-legged, viii. 388
 grisled, viii. 375
 Hebridal, viii. 385
 Lapwing, viii. 462
 little, viii. 376
 long-legged, viii. 380. 388
 Louisiane, viii. 321
 northern, viii. 377
 pectoral, viii. 379
 purple, viii. 376
 purre, viii. 379. 530
 red, viii. 380
 ruff, viii. 381. 531
 Schenz's, viii. 379
 Selninger, viii. 376
 semipalmated, viii. 383
 Senegal, viii. 321
 southern, viii. 376
 Temminck's, viii. 375
 white-winged, viii. 377
 wood, viii. 388
 Sandpipers, viii. 375
 Sarcelles, viii. 673
 Sarcorampus, vi. 18. 169
 Saria, viii. 326. 468
 Sassegniat, viii. 401
 Saurothera, vii. 459
 Savacou de Cayenne, viii. 481
 huppé de Cayenne, viii. 481

Savacous, viii. 480
 Saxicola, vi. 434; vii. 3
 aurita, vi. 436
 fruticola, vi. 436
 Jardinii, vi. 439; viii. 685
 lugens, vi. 438
 mæsta, vi. 438
 obscura, vi. 439
 superciliaris, vi. 438; viii. 685
 thoracina, vi. 438
 Saxicolinæ, viii. 689
 Scaler brown, vii. 352
 Scalers, vii. 352
 Scansores, vii. 435
 Scolopax, viii. 358. 366. 512
 ægocephala, viii. 373
 alba, viii. 375
 arcuata, viii. 364. 381. 520
 Australia, viii. 390
 Australis, viii. 370
 Belgica, viii. 373
 Borealis, viii. 365
 Brehmii, viii. 369
 calidris, viii. 382
 candidus, viii. 390
 candida, viii. 525
 Cantabrigiensis, viii. 387
 Capensis, viii. 371
 Cayanensis, viii. 369
 cinerea, viii. 374
 cunonica, viii. 387
 falcinellus, viii. 363. 518
 fedoa, viii. 374
 fusca, viii. 386
 gallanaria, viii. 368
 gallinago, viii. 368, 369
 gallinula, viii. 369
 gigantea, viii. 370
 glottis, viii. 373. 386
 grisea, viii. 370
 helias, viii. 480
 incana, viii. 390
 Laponica, viii. 372
 leucophea, viii. 371
 major, viii. 368. 527
 media, viii. 369
 minor, viii. 367
 nigra, viii. 390
 Noveboracensis, viii. 370
 nutans, viii. 390
 obscura, viii. 402
 Paikulli, viii. 370
 paludosa, viii. 369
 phæopus, viii. 365. 521
 pusilla, viii. 370. 379
 pygmæus, viii. 380
 rubra, viii. 362
 rusticola, viii. 367. 521
 Sabini, viii. 368

Scolopax saturata, viii. 370
 semipalmata, viii. 389
 subarcuata, viii. 380
 Terek, viii. 374
 Totanus, viii. 387
 vociferus, viii. 390
 Scops, vi. 83. 255
 of Carolina, vi. 256
 Scopus, viii. 352
 umbretta, viii. 353. 509
 Scoter, black, viii. 665
 Scoters, viii. 665
 Screamer, chaja, viii. 399
 horned, viii. 398. 538
 Screamers, viii. 397
 Scythrops, vii. 465. 538
 Novæ Hollandiæ, vii. 465
 Secretarius reptilivorus, vi. 69
 Secretary, vi. 68. 247
 Seisura, vi. 369
 Seiurus tenuirostris, vi. 454
 Sericulus, vi. 398
 chrysocephalus, viii. 684
 Serin Mozambique, vii. 143
 Serins, vii. 142
 Serpentarius, vi. 68
 Setophaga, vi. 350
 miniata, viii. 682
 rubra, vi. 351
 rutililla, vi. 351; viii. 682
 Shag crested, viii. 591
 dwarf, viii. 591
 spotted, viii. 591
 Sheath-bill white, viii. 416
 Sheath-bills, viii. 416
 Shieldrake, viii. 617
 Shieldrakes, viii. 669
 Shoveler, viii. 616
 New Holland, viii. 617
 Shrike African, vi. 267
 American, vi. 266
 Antiguan, vi. 271
 Barbary, vi. 270; viii. 678
 barred, vi. 275
 bay-backed, vi. 268
 black and white, vi. 275
 black-bush, vi. 275
 black-headed, vi. 269; viii. 677
 black-topped, vi. 272
 blanchot, vi. 266; viii. 678
 blue, vi. 266
 Cape, vi. 265; viii. 677
 Chinese, vi. 268
 cinereous, vi. 371. 483
 collared, vi. 265
 corvine, vi. 267
 crested, vi. 268. 273
 cruel, vi. 268
 ferruginous-bellied, vi. 267

- Shrike fork-tailed, vi. 372
 fork-tailed crested, vi. 371
 frontal, vi. 295
 Geoffroy's, vi. 286. 485
 great cinereous, vi. 263
 grey-backed, vi. 268
 hooked-billed, vi. 285
 Hottuiqua, vi. 267
 Indian, vi. 268
 Keroula, vi. 268
 large bush, vi. 272
 Leach's bush, vi. 274
 lesser grey, vi. 263
 Louisiana, vi. 270 ; viii. 678
 Madagascar, vi. 266
 Malabar, vi. 371
 Malimbic, vi. 271
 mustachio, vi. 268
 natka, vi. 270
 northern, vi. 269 ; viii. 677
 olive, vi. 270
 Pacific, vi. 268
 Panayan, vi. 269
 pied, vi. 272
 red, vi. 263
 red-backed, vi. 264
 red-crested, vi. 268
 red-headed bush, vi. 274
 red-throated, vi. 271
 rufous, vi. 294
 rufous-crowned bush, vi. 274
 rufous-winged bush, vi. 273
 Senegal, vi. 267. 678
 silent, vi. 268 ; viii. 678
 spotted, vi. 273
 swallow, vi. 286. 487
 Tabuan, vi. 269
 Vigors' bush, vi. 274
 white, vi. 269
 white-cheeked, vi. 268
 Shrikes, vi. 262. 482
 Sicrin, vi. 396. 423
 Siffleur, le, vi. 326
 Sirli, vii. 119. 212
 Siskin Arkansaw, vii. 141
 common, vii. 142
 Siskins, vii. 142. 268
 Sison, viii. 454
 Sitta, vii. 344. 385
 Caffra, vii. 345
 Canadensis, vii. 344
 chloris, vi. 345
 chrysoptera, vii. 345
 Europæa, vii. 344
 frontalis, vii. 345
 fusca, vii. 345
 melanocephala, vii. 345
 minor, vii. 387
 nævia, vi. 408
 Sitta pusilla, vii. 345. 387
 Sittines, vii. 345
 Skimmer, viii. 648
 ashy, viii. 587
 black, viii. 586
 short-billed, viii. 587
 yellow-billed, viii. 586
 Skimmers, viii. 586
 Snake-eater, vi. 68
 Snipe, black-head, viii. 387
 brown, viii. 370
 Burka, viii. 370
 Cape, viii. 371. 528
 Cayenne, viii. 369
 common, viii. 368
 Courland, viii. 387
 double, viii. 527
 dusky, viii. 386. 387
 Finmark, viii. 386
 gambet, viii. 387
 great, viii. 368
 green-shank, viii. 368
 Jadreka, viii. 373
 jack, viii. 369
 little, viii. 527
 red-breasted, viii. 373
 red-shank, viii. 387
 saturated, viii. 370
 spotted, viii. 387
 stagnatife, viii. 387
 stone, viii. 390
 telltale, viii. 390
 Terek, viii. 374
 yellow-shanked, viii. 390
 Snipes, viii. 366. 526
 Soco, viii. 344
 Sonateria, viii. 611
 Souchets, viii. 616. 669
 Sonimanga à gorge violette, et à poitrine
 rouge, vii. 366
 long-billed, vii. 393
 rayé, vii. 366
 Souimangas, vii. 359. 390
 Sparrow chipping, vii. 148
 field, vii. 148
 fire coloured, vii. 137
 fox coloured, vii. 138
 hedge, vi. 443. 465
 house, vii. 135. 234
 scarlet, vi. 315
 song, vii. 148
 swamp, vii. 148
 tree, vii. 148
 yellow-winged, vii. 148
 white-throated, vii. 148
 Sparrows, vii. 130. 234
 proper, vii. 134
 Spatula, viii. 616
 Spatula blanche sans huppe, viii. 357

Sparvius, vi. 236
 bicolor, vi. 56
 caerulescens, vi. 56
 cinereus, vi. 52. 56
 cirrocephalus, vi. 56
 gilvicollis, vi. 56
 guttatus, vi. 56
 major, vi. 56
 melanoleucus, vi. 56
 monachus, vi. 52
 niger, vi. 54
 rufiventris, vi. 56
 semitorquatus, vi. 56
 subniger, vi. 56
 superciliaris, vi. 56
 tricolor, vi. 56
 Spelectos, vii. 507
 Sphecothera, vi. 411
 viridis, vi. 411
 Sphecotheres, vi. 297
 viridis, vi. 297
 Spheniscus, viii. 561. 563
 Sphaenura Coraya, vi. 408
 striolata, vii. 347
 superciliaris, vii. 346
 tibicen, vi. 470
 Spizaetus, vi. 43. 44
 Spoonbill dwarf, viii. 383. 532
 roseate, viii. 357. 512
 white, viii. 357. 512
 Spoonbills, viii. 356. 510
 Spreo, le, vi. 393
 Squatarola, viii. 318
 Stاپازina, vi. 436
 Stare Cape, vii. 173
 cockscomb, vi. 425
 collared, vi. 465; vii. 37
 common, vii. 172
 Louisiana, vii. 325
 Magellanic, vii. 173. 326
 wattled, vi. 413
 Stares, vii. 172. 321
 Starling Persian, vii. 37
 Starykes, viii. 635
 Staryque cristatella, viii. 557
 Steatornis caripennis, vii. 81
 Stercoraires, viii. 579
 Stercoreus pomarinus, viii. 580
 Sterna, viii. 580
 aranea, viii. 584
 affinis, viii. 583
 Anglica, viii. 582
 Arctica, viii. 582
 argentia, viii. 581
 argentata, viii. 582
 Oahuensis, viii. 585
 Bergii, viii. 584. 648
 Cantiaea, viii. 581
 Caspia, viii. 581

Sterna Cayana, viii. 583
 Dougalii, viii. 582
 fissipes, viii. 581
 fuliginosa, viii. 584
 fuscator, viii. 586
 galericulata, viii. 584
 grisea, viii. 583
 hirundo, viii. 580
 inea, viii. 582
 infuscata, viii. 585
 leucopareia, viii. 582
 leucoptera, viii. 582
 magnirostris, viii. 585
 media, viii. 583
 melanauchen, viii. 583. 647
 melanogaster, viii. 584
 minuta, viii. 581
 naevia, viii. 581
 nigra, viii. 581
 Nitzschii, viii. 585
 Philippensis, viii. 586
 senex, viii. 585
 stolidia, viii. 585
 tenuirostris, viii. 583. 586
 Stonechat, vi. 435
 Stonechats, vi. 434
 Stork, American, viii. 349. 507
 black, viii. 349. 504
 small black, viii. 350
 violet, viii. 340. 350
 white, viii. 349. 495
 Storks, viii. 348. 494
 with naked-neck, viii. 350
 Stournelle à collier, vii. 173
 Stournes, vi. 392
 Strepsilas, viii. 384, 385. 532
 collaris, viii. 385
 Strix, vi. 70. 74
 Arcadica, vi. 81
 accipitrina, vi. 72. 78
 Africana, vi. 72. 78
 alba, vi. 75. 84
 albifrons, vi. 84
 albomarginata, vi. 86
 aluco, vi. 76
 Americana, vi. 71
 Arctica, vi. 72
 ascalaphus, vi. 71
 asio, vi. 83. 256
 atricapilla, vi. 84
 badria, vi. 75
 brachyotus, vi. 71
 brachyura, vi. 72
 Brama, vi. 85
 bubo, vi. 76. 79
 bubo Magellanicus, vi. 72
 castanoptera, vi. 81
 Cayanensis, vi. 82
 choliba, vi. 85

Q

- Strix crucigera*, vi. 86
 cunicularia, vi. 79. 258
 dasyopus, vi. 80
 decussata, vi. 85
 ferruginea, vi. 81
 flammea, vi. 75. 257
 funerea, vi. 78. 80
 grallaria, vi. 79
 griseata, vi. 77
 Hardwickii, vi. 77
 hirsuta, vi. 85
 Hudsonia, vi. 78
 huhula, vi. 82
 hylophila, vi. 76
 Javanica, vi. 75
 lactea, vi. 73
 Lapponica, vi. 74
 larvata, vi. 83
 lempyi, vi. 84
 leucotis, vi. 84
 Leschenaultii, vi. 84
 lineata, vi. 82
 litturata, vi. 74. 78
 longirostris, vi. 73
 macrorhynchus, vi. 73
 macroura, vi. 78
 maculosa, vi. 72
 Maugei, vi. 85
 Mexicana, vi. 71
 nævia, vi. 83
 nebulosa, vi. 74
 nisoria, vi. 78
 nisuella, vi. 78
 noctua, vi. 75. 80
 noctula, vi. 84
 nudipes, vi. 80. 83
 nyctea, vi. 79. 256
 occipitalis, vi. 82
 Orientalis, vi. 73
 otus, vi. 71
 pagodarum, vi. 85
 palustris, vi. 72
 passerina, vi. 79, 80, 81
 passerinoïdes, vi. 82
 perlata, vi. 75. 81
 perspicillata, vi. 83
 personata, vi. 83
 phalænoides, vi. 81
 pumila, vi. 81
 pusilla, vi. 81
 pygmæa, vi. 79, 81
 rufa, vi. 75
 scops, vi. 83. 255
 seloputo, vi. 85
 Soloniensis, vi. 75
 Sonnerati, vi. 85
 strepitans, vi. 73
 stridula, vi. 72. 76
 superciliosa, vi. 77
- Strix sylvestris*, vi. 75
 Tenglmalmi, vi. 79. 80
 torquata, vi. 82
 tripennis, vi. 72
 Tuidara, vi. 75
 ulula, vi. 71. 78
 Uralensis, vi. 78
 Virginiana, vi. 72
Strobiliphaga, vii. 161
Struthio, viii. 295. 422
 camelus, viii. 295
 casuarius, viii. 297
 rhea, viii. 296. 438
Sturnella, vii. 326
Sturnus Capensis, vi. 424; vii. 173
 carunculatus, vi. 413; vii. 173
 cericeus, vi. 425
 cinclus, vi. 410; vii. 173
 collaris, vi. 465; vii. 37. 173
 contra, vi. 424
 crispicollis, vi. 416
 Dauricus, vi. 425; vii. 174
 gallinaceus, vi. 425
 Ludovicianus, vii. 173
 Mauritanus, vi. 465; vii. 37
 militaris, vii. 173. 326
 olivaceus, vii. 174
 predatorius, vii. 169
 saularis, vi. 294
 sericeus, vii. 174
 unicolor, vii. 173
 viridis, vii. 174
 vulgaris, vii. 172
 Zeylanicus, vi. 425
Sucrier cardinal, vii. 364
Sugar-eater, vii. 390. 353
Suirí pardo y blanco, vi. 333
 negro peco celesto, vi. 333
Suiriri, vi. 321
 brun et rouge, vi. 320
 cabeza y rabadilla de canela, vi.
 334
 choreado, vi. 334
 chorreado debazo, vi. 327
 chorreado sin roxo, vi. 322
 chorreado todo, vi. 321
 guau, vi. 319
 oscuro y amarillo, vi. 334
 ordinario, vi. 352
 pardo aplomado, vi. 324
 pitador, vi. 334
 puteado, vi. 334
 roxo, vi. 334
 roxo oscuro, vi. 321
Sula, viii. 653
 Brasiliensis, viii. 595
Sultanas, viii. 412. 542
Surnia, vi. 78
Swallow, vii. 57. 60

Swallow, aculeated, vii. 70. 103, 104

- ambergis, vii. 64
- ash-bellied, vii. 69
- barn, vii. 62
- bat, vii. 103
- black, vii. 64
- black-bellied, vii. 62
- blue or white-bellied, vii. 65
- Brazilian, vii. 64
- brown-collared, vii. 67
- Cape, vii. 63. 101
- chalybeate, vii. 63
- chimney, vii. 61. 90
- cliff, vii. 62
- common, vii. 90
- crag, vii. 61
- Daurian, vii. 64
- domestic, vii. 94
- esculent, vii. 96
- fulvous, vii. 62
- grey rock, vii. 94
- green, vii. 65
- grey-rumped, vii. 67
- Oonalschka, vii. 66
- Otaheitan, vii. 66
- Panayan, vii. 63
- Peruvian, vii. 66
- proper, vii. 60
- purple, vii. 92
- red-headed, vii. 69
- river, vii. 61. 91
- rock, vii. 61
- rufous-fronted, vii. 102
- rufous-headed, vii. 63
- rufous-rumped, vii. 68
- Senegal, vii. 63
- sharp-tailed, vii. 69. 103
- St. Domingo, vii. 67
- Ternate, vii. 342
- wheat, vii. 68
- white-bellied, vii. 63
- white-rumped, vii. 93
- white-winged, vii. 67
- window, vii. 60
- wire-tailed, vii. 66

Swallows, sea, viii. 580
sharp-quilled, vii. 102

Swallowers, wind, vii. 105

Swan, viii. 597. 657

- black, viii. 559. 661
- black-backed, viii. 601
- black-necked, viii. 599. 661
- Chinese, viii. 600
- common, viii. 659
- mute, viii. 598. 659
- spur-winged, viii. 600. 661
- tame, viii. 598
- whistling, viii. 598. 660
- wild, viii. 598

Swift, vii. 58

- Balasian, vii. 60
- Chinese, vii. 59
- white-bellied, vii. 59
- white-collared, vii. 93
- white coloured, vii. 60

Sycalis, vi. 339

Sylvia, vi. 439 ; vii. 7

Æquinoctialis, vi. 451

- agills, vi. 458
- albicollis, vi. 436
- albini, vi. 443
- annulosa, vi. 453
- Asiatica, vi. 451
- atricapilla, vii. 30
- autumnalis, vi. 458
- azurea, vi. 458
- bifasciata, vi. 458
- Borbonica, vi. 449
- cærulea, vi. 458 ; viii. 683
- Cambaiensis, vi. 451
- castanea, vi. 456
- celata, vii. 172
- certhiola, vi. 442
- Cetti, vi. 443
- cinerea, vi. 444
- Cingalensis, vi. 448
- cisticola, vi. 446. 466
- citrinella, vi. 460
- conspicillata, vi. 446
- cristata, vi. 431
- cucullata, vi. 455
- cyaneula, vi. 439
- Dartfordiensis, vi. 446
- discolor, vi. 457
- domestica, vi. 473
- elata, vi. 431
- flavicollis, vi. 460
- flaviventris, vi. 448
- fluviatilis, vi. 442
- formicivora, vi. 437
- formosa, vi. 458
- furva, vi. 473
- galactotes, vi. 442 ; viii. 685
- gracilis, vi. 467
- grisea, vi. 281
- Guzurata, vi. 451
- hirundinacea, vi. 432 ; viii. 685
- hortensis, vi. 446 ; vii. 34
- imitatrix, vi. 437
- Javanica, vi. 451
- lateralis, vi. 469
- leucopogon, vi. 446
- locustella, vi. 443
- longicauda, vi. 467
- Ludoviciana, vi. 474
- luscina, vii. 12
- luscinioides, vi. 442
- Macloviana, vi. 452

- Sylvia macroura*, vi. 467
maculata, vii. 356
magnifica, vi. 470
magnolia, vi. 455
Marylandica, vi. 459
melanocephala, vi. 445
melanopogon, vi. 444
minuta, vi. 457
montana, vi. 452. 457
nævia, vii. 30
nigra, vi. 437
nisoria, vii. 35
Noveboracensis, vi. 454
obscura, vi. 439
Orphea, vi. 444
pileata, vi. 437
palpebrosa, vi. 451
palustris, vi. 442. 458
Pardalina, vi. 455
parus, vi. 456
peregrina, vi. 346; vii. 172
Philadelphia, vi. 459
philomela, vii. 21
phragmitis, vi. 442
pileata, viii. 685
pinus, vi. 464
Platensis, vi. 474
plumbea, vi. 451. 464; viii. 686
pusilla, vi. 458, 459
rara, vi. 457
rubecula, vii. 9
rubicola, vii. 5
ruficapilla, vii. 172
rufigastrea, vi. 449
Ruppei, vi. 444
salicaria, vi. 443
Sarda, vi. 446
schænobanus, vi. 443. 466
sericea, vi. 441
solitaria, vii. 172
sperata, vi. 437
sphagnosa, vi. 458
Stapazina, β , vi. 436
subalpina, vi. 446
Suecica, vii. 11
superciliosa, vi. 432
sylviella, vi. 445
torquata, vi. 460
trichas, vi. 459
venusta, vi. 464; viii. 686
Sylvicola inornata, vi. 460
Sylvoïdes, vi. 276
Synallaxis, vii. 347. 388
albescens, vii. 347
cinerascens, vii. 347
ruficapilla, vii. 347
ruficauda, vii. 348
rutilans, vii. 348
setaria, vii. 348
Synallaxis tessellata, vii. 348
Syndactyli, vii. 400. 420
Syrnhaptes, viii. 65. 268
Syrnii, vi. 75
Syrnium, vi. 75

Tachard, le, vi. 62
Tachydromus, viii. 324
collaris, viii. 325
Senegalensis, viii. 325
Tachypetes, viii. 592
leucocephalus, viii. 593
minor, viii. 593
Tachyphonus, vi. 311
chloristerus, vi. 313
Desmarestii, vi. 311
fringiloides, vi. 312
olivaceus, vi. 312
ruber, vi. 313
rubescens, vi. 312; viii. 681
Suchii, vi. 313
tenuirostris, vi. 313
Vigorsii, vi. 312
Tadorna, viii. 669
Bellonii, viii. 618
familiaris, viii. 618
rutila, viii. 622
Tadornes, viii. 617
Talegalla, viii. 33
Cuvieri, viii. 33
Tamatia, vii. 472
black-banded, vii. 473
black-eared, vii. 472
lesser pied, vii. 472
maculata, vii. 472
pied, vii. 472
spotted-bellied, vii. 472
Tamatias, vii. 472
Tanager, archbishop, vi. 304
bishop, vi. 304
black and blue, vi. 303
black-faced, vi. 299
black-headed, vi. 315
black-necked, vi. 299
black-throated, vi. 310. 317. 463
blue-headed, vi. 307. 491; viii. 687
blue-shouldered, vi. 303
blue-winged, vi. 300
Brazilian, vi. 316
Cayenne, vi. 298
crested, vi. 311
golden, vi. 297. 299
golden-crested, vi. 314; viii. 681
golden-forehead, vi. 314
grand, vi. 299
grey-headed, vi. 285

Tanager green, vi. 309
 green-headed, vi. 303. 316
 hooded, vi. 310
 Jacarine, vi. 298
 Malimbic, vii. 131. 231
 Mississippi, vi. 315
 negro, vi. 298
 orange-billed, vi. 300
 palm, vi. 305
 Paradise, vi. 303. 490
 Paraguayan, vi. 317
 poppy, vi. 317
 red, vi. 315
 red-bellied, vi. 298. 314
 red-breasted, vi. 317
 red-headed, vi. 304. 310
 red-necked, vi. 311. 314
 red-throated, vi. 310
 rufous-headed, vi. 304
 sayacu, vi. 304
 Schrauk's, vi. 309
 showy, vi. 304
 silent, vi. 318
 spotted-emerald, vi. 305
 spotted-green, vi. 305
 St. Domingo, vi. 317
 variable, vi. 299
 yellow-throated, vi. 310
 Tanagers, vi. 297. 488
 cardinal, vi. 315
 euphonian, vi. 297
 grossbeak, vi. 299
 oriole, vi. 311
 ramphoceline, vi. 316
 true, vi. 303
 Tanagra, vi. 297
 æstiva, vi. 315
 albifrons, vi. 317
 albirostris, vi. 317
 Amboinensis, vi. 317
 archiepiscopus, vi. 304
 atra, vi. 299
 atrata, vi. 317
 atricapilla, vi. 270. 315
 aurata, vi. 299
 auricapilla, vi. 314
 aurifrons, vi. 314
 axillaris, vi. 309
 Bonariensis, vii. 134. 169
 Brasilia, vi. 316
 Brunnea, vi. 313
 cærulea, vi. 317
 celestis, vi. 304
 canicapella, vi. 308
 canora, vi. 306. 317. 489
 Capensis, vi. 271. 363
 capistrata, vi. 302
 capitalis, vi. 317; vii. 134
 Cayana, vi. 298. 304. 307. 490

Tanagra chlorocyanea, vi. 309
 chloroptera, vi. 305
 chlorotica, vi. 298
 cirrhomelas, vi. 312
 citrinella, vi. 308
 cristata, vi. 311
 cristatella, vi. 315; vii. 127
 cyanocephala, vi. 307
 cyanoventris, vi. 308
 decumana, vi. 300
 Desmarestii, vi. 306
 Diademata, vi. 302
 Dominica, vi. 317
 episcopus, vi. 304. 305
 fasciata, vi. 307
 flammea, vi. 312
 flammiceps, vi. 302
 flavicollis, vi. 310
 flaviventris, vi. 303
 formosa, vi. 305
 graminea, vi. 309; vii. 127
 Guianensis, vi. 270. 285. 317;
 viii. 679
 gularis, vi. 310
 gyrola, vi. 304
 Jacapa, vi. 317
 jacarina, vi. 298
 jugularis, vi. 303
 leucophæa, vi. 307
 leucocephala, vi. 306
 Ludoviciana, vi. 316
 magna, vi. 299
 martialis, vi. 311
 melalictera, vi. 306
 melanopis, vi. 300
 melanotha, vi. 305
 Mexicana, vi. 303
 militaris, vi. 317
 Mississippiensis, vi. 315
 multicolor, vi. 306
 musica, vi. 489
 nigerrima, vi. 311
 nigricollis, vi. 299. 310. 463
 nigrogularis, vi. 317
 olivacea, vi. 299. 311. 315. 355
 olivascens, vi. 305
 ornata, vi. 304. 307
 palmarum, vi. 305
 penicillata, vi. 313
 Peruviana, vi. 307
 pileata, vi. 310. 315
 psittacina, vi. 301; vii. 158
 punctata, vi. 305
 quadricolor, vi. 312
 rubra, vi. 299
 rubricollis, vi. 307
 rudis, vi. 307. 317; viii. 680
 ruficollis, vii. 127. 311. 314
 rufiventris, vi. 308. 314

- Tanagra Saira*, vi. 313
 sayaca, vi. 304. 305
 Schraukii, vi. 309
 silens, vii. 136. 318
 Sibirica, vii. 118
 Sinensis, vi. 317
 speculifera, vi. 310. 311
 striata, vi. 306. 489
 superciliaris, vi. 300
 tatao, vi. 303. 490
 tephrocephala, vi. 308
 thoracita, vi. 308
 tricolor, vi. 303. 307
 varia, vi. 305
 variabilis, vi. 299. 317
 variegata, vi. 315
 violacea, vi. 297. 298
 virens, vi. 303. 309. 317
 viridis, vi. 298. 309
 vittata, vi. 308
Tangara de Malimbe, vii. 131
Tantali, viii. 510
Tantalus, viii. 354
 Æthiopicus, viii. 359
 African, viii. 355
 albicollis, viii. 361. 519
 albus, viii. 363
 American, viii. 355
 calvus, viii. 361
 Cayennensis, viii. 361
 Ceylon, viii. 356
 coco, viii. 363
 cristatus, viii. 363
 hogedash, viii. 362
 ibis, viii. 355. 510
 lacteus, viii. 356
 leucocephalus, viii. 356. 363. 510
 loculator, viii. 355. 510
 melanops, viii. 362
 niger, viii. 361
 pillus, viii. 355
 plumicollis, viii. 355
 rhodinopterus, viii. 355
 ruber, viii. 362
Tanypus Australis, vi. 388
Tanyptera, vii. 411
Tardivola, vii. 130; viii. 688
Tarier, vi. 435
Tarriers, vii. 3
Tavon, viii. 400
Tchagra, le, vi. 271
Tchong, le, vi. 68
Teal, viii. 623
 backal, viii. 624
 blue-winged, viii. 671
 Chinese, viii. 619
 common, viii. 623
 Coromandel, viii. 606
 gerra, viii. 620
 hind, viii. 624
 Madagascar, viii. 606
 Manilla, viii. 624
 spinous-tailed, viii. 614
Teals, viii. 673
Tectur kelaun, viii. 55
Temia, vii. 184
Tenuirostres, vii. 344
 suppl. on the, vii. 385
Tern, allied, viii. 583
 Arctic, viii. 582
 bearded, viii. 582. 647
 black, viii. 581
 black-naped, viii. 583. 647
 Caspian, viii. 581
 Cayenne, viii. 583
 great, viii. 580
 gull-billed, viii. 582
 hoary, viii. 583
 lesser, viii. 581
 marsh, viii. 584
 mustachio, viii. 582
 noddy, viii. 585
 rose-coloured, viii. 582
 Sandwich, viii. 581
 slender-bill, viii. 583
 sooty, viii. 584
 white-winged, viii. 582
Terns, viii. 580
Tersina cerulea, vi. 365
Terutero, viii. 321. 464
Teteu, viii. 464
Tetrao, viii. 33. 34. 242
 albus, viii. 40
 alchata, viii. 41. 257
 Andalusicus, viii. 62
 arenarius, viii. 43
 betulinus, viii. 36
 bicalcaratus, viii. 46
 Bonasia, viii. 36
 cachinans, viii. 40
 Californius, viii. 60
 Canadensis, viii. 36. 251
 Canace, viii. 36
 canus, viii. 36
 caudacuta, viii. 42
 Chinensis, viii. 56
 cinereus, viii. 51. 67
 Coromandelicus, viii. 57
 coturnix, viii. 56. 267
 Coyoleos, viii. 60
 cristatus, viii. 60
 Cupido, viii. 37
 curvirostris, viii. 50
 Falklandicus, viii. 60
 Franklinus, viii. 45. 263
 Franklinii, viii. 39
 Guianensis, viii. 59
 hybridus, viii. 35

Tetrao Indicus, viii. 43
intermedius, viii. 35
Javanicus, viii. 50
lagopus, viii. 40
Laponicus, viii. 40
Luzoniensis, viii. 63, 64
Madagascarensis, viii. 62
major, viii. 67
Manillensis, viii. 56
Marilandus, viii. 59
medius, viii. 35
Mexicanus, viii. 59
montanus, viii. 52
mutus, viii. 40
Namaqua, viii. 43
Nemesianus, viii. 36
nigricollis, viii. 62
Novæ Hispaniæ, viii. 33
nudicollis, viii. 49
obscurus, viii. 38
ocellatus, viii. 32
Orientalis, viii. 43, 45, 53
paradoxa, viii. 66
petrosus, viii. 52
phasianellus, viii. 44
Pondicerianus, viii. 45
Richardsonii, viii. 39
rubricollis, viii. 49
rufus, viii. 51
rupestris, viii. 40
Sabini, viii. 39
saliceti, viii. 40
Scoticus, viii. 41, 256
Senegalus, viii. 42
Sinensis, viii. 46, 64
Sovi, viii. 69
striatus, viii. 57
tetrix, viii. 34, 247
togatus, viii. 37
umbellus, viii. 37
urogallus, viii. 34, 243
urophasianellus, viii. 38
urophasianus, viii. 38
variegatus, viii. 67
Virginianus, viii. 59, 60
viridis, viii. 32
Tetras à plumage variable, viii. 35
à queue pleine, viii. 35
Textor alecto, vii. 232
Thalassidroma, viii. 566
Thamnophilinæ, viii. 678, 683
Thamnophilus, vi. 272
affinis, vi. 277
agilis, vi. 276
albicollis, vi. 280
albiventer, vi. 275
albonotatus, vi. 275, 278
atricapillus, vi. 280
auratus, vi. 280

Thamnophilus bicolor, vi. 275
cinnamomeus, vi. 275
caudatus, vi. 279
cærulescens, vi. 279
choloropterus, vi. 279
cinereus, vi. 274, 283
cristatellus, vi. 283
cycnocephalus, vi. 282
fasciatus, vi. 275
ferrugineus, vi. 274
griseus, vi. 278
gularis, vi. 278
guttatus, vi. 276, 281
Leachii, vi. 274
leucocephalus, vi. 285
leuconotus, vi. 278
lineatus, vi. 275, 281
longicaudatus, vi. 281
maculatus, vi. 276
melanogaster, vi. 277
melanoceps, vi. 278
myotherinus, vi. 279
niger, vi. 275
radiatus, vi. 276, 281
rubicus, vi. 282
ruficapillus, vi. 282
ruficeps, vi. 274
ruficollis, vi. 277
rufinus, vi. 283
rutilus, vi. 282
stellaris, vi. 277
striatus, vi. 279
strigilatus, vi. 276
Swainsonii, vi. 275
torquatus, vi. 273
Vigorsii, vi. 274
virescens, vi. 282
viridis, vi. 282
Thick-knees long-legged, viii. 307
spotted, viii. 306
Thrush, vi. 510
barred-tail, vi. 408
black and scarlet, vi. 357
black-chinned, vi. 390
black-crested, vi. 380
black-crowned, vi. 434
black-headed, vi. 381
black-necked, vi. 376
blue-tailed, vi. 400
brown-eared, vi. 376
buff-winged, vi. 408
Ceylon, vi. 271; viii. 678
chiming, vi. 407
cyaneous, vi. 403
emerald, vi. 381
golden-crowned, vi. 454
gular, vi. 382
hermit, vi. 376, 386
Indian, vi. 381

- Thrush Mindanao, vi. 294
 missel, vi. 384
 mocking, vi. 539
 musician, vi. 406; vii. 47
 orange-breasted, vi. 434
 pagoda, vi. 423
 palm, vi. 312. 381
 of Paraguay, vi. 523
 pigeon, vi. 394
 pine, vii. 141
 punctated, vi. 529
 red, vi. 385
 red-winged, vi. 384
 reed, vi. 441
 rose coloured, vi. 392
 ruby-throat, vi. 440
 rufous, vi. 380
 solitary, vi. 375
 song, vi. 522
 songster, vi. 394
 Sonnerat's, vi. 390
 tawny, vi. 386
 thick-billed, vi. 271
 varied, vi. 381
 Volatile, vi. 369
 water, vi. 454
 white-backed, vi. 408
 wood, vi. 386
 yellow-billed, vi. 403
 yellow-fronted, vi. 390
 Thrushes proper, vi. 515
 rock, vi. 536
 Thryothorus, vii. 48
 lateralis, vi. 474
 littoralis, vii. 48
 Tichodroma, vii. 352. 389
 Tigrosoma, viii. 337
 Timalia pileata, vi. 402; viii. 684. 685
 thoracica, vi. 402; viii. 685
 Tinamou barred-tailed, viii. 71
 cinereous, viii. 67
 dwarf, viii. 69
 great, viii. 67
 Isabelle, viii. 71
 little, viii. 69
 Macaco, viii. 68
 nocturnal, viii. 68
 oariana, viii. 69
 obsolete, viii. 68
 rufescent, viii. 71
 spotted, viii. 70
 Tao, viii. 69
 undulated, viii. 67
 variegated, viii. 67
 vermicule, viii. 68
 Tinamous, viii. 269
 Tinamus, viii. 66
 adpersus, viii. 68
 Apequia, viii. 68
 Tinamus Boraquira, viii. 70
 Brasiliensis, viii. 67
 Canape, viii. 70
 maculosus, viii. 70
 magoua, viii. 67
 major, viii. 70
 medius, viii. 70
 minor, viii. 70
 nanus, viii. 69
 noctivagus, viii. 68
 obsoletus, viii. 68
 pavoninus, viii. 70
 plumbeus, viii. 68
 rufescens, viii. 71
 Sovi, viii. 69
 strigulosus, viii. 69
 Tataupa, viii. 68
 undulatus, viii. 67
 vermiculatus, viii. 68
 ynambui, viii. 70
 Tisserin alecto, vii. 133
 Tisserins, vii. 130
 Titmice, vii. 120
 penduline, vii. 123. 223
 reed, vii. 221
 Titmouse, Alpine, vii. 123
 amorous, vii. 123
 azure, vii. 122
 bearded, vii. 123. 222
 black, vii. 123
 black-cap, vii. 121. 122
 blue, vii. 121. 219
 Cape, vii. 124
 Chinese, vii. 123
 cole, vii. 120. 218
 crested, vii. 121
 fork-tailed, vii. 123
 great, vii. 120. 214
 great-headed, vii. 123
 greyish, vii. 123
 Guiana, vii. 123
 Javan, vii. 122
 long-tailed, vii. 121. 220
 Malabar, vi. 346
 marsh, vii. 218
 New Zealand, vii. 123
 Norway, vii. 123
 Siberian, vii. 122
 white-cheek, vii. 123
 Titria cinereus, vi. 290
 Tityra viridis, vi. 291; viii. 680
 Tlahqueuil, viii. 512
 Toads, flying, vii. 105
 Toco, vii. 268
 Todies, vii. 414
 Todus, vii. 414. 429
 auritus, vi. 338
 brachyurus, vi. 338
 cæruleus, vii. 415

Todus cinereus, vii. 415
ferrugineus, vii. 415
flavigaster, vi. 331
fuscus, vii. 415
leucocephalus, vi. 338; vii. 415
macrorhynchos, vi. 337; vii. 415
maculatus, vi. 332
nasutus, vi. 337; vii. 415
obscurus, vi. 337
Paradisiacus, vi. 330
Paradiseus, vii. 415
platyrhynchus, vi. 336; vii. 415
plumbeus, vi. 332; vii. 415
regius, vi. 332. 336; vii. 415
rostratus, vi. 336; vii. 415
rubecula, vi. 331
sylvia, vii. 415
varius, vii. 415
viridis, vii. 414. 429
Tody great-billed, vi. 337
green, vii. 414. 429
white-headed, vi. 338
Tonysiptera, viii. 690
Torticella, viii. 63
Totanus, viii. 385. 532
acuminatus, viii. 390
Bartramius, viii. 390
calidris, viii. 387
caligatus, viii. 390
chloropygus, viii. 390
Damascensis, viii. 390
fasciatus, viii. 311
fistulans, viii. 386
flavipes, viii. 390
fuscus, viii. 387
glareolus, viii. 390
grallatorius, viii. 388
griseus, viii. 386
Javanicus, viii. 390
macularius, viii. 389
maculatus, viii. 387
melanoleucus, viii. 390
nævius, viii. 387
natans, viii. 387
Noveboracensis, viii. 371
ochropus, viii. 388
petrificatus, viii. 391
semipalmatus, viii. 389
solitarius, viii. 390
speculiferus, viii. 389
stagnatilis, viii. 387
tenuirostris, viii. 390
variegatus, viii. 390
Totipalmatae, viii. 648
Totipalme, viii. 587
Toucan, vii. 544
Aldrovandine, vii. 478
Aracari, vii. 479. 547
Azara's, vii. 480

Cuv. Index.

Toucan, Baillon's, vii. 480
black and yellow, vii. 479
black and green, vii. 480
Brazilian, vii. 478
carinated, vii. 478
great, vii. 478
green, vii. 479
piperine, vii. 480
red-billed, vii. 478
red-breasted, vii. 478
spotted-billed, vii. 480
toco, vii. 477
Vaillant's, vii. 479
yellow-breasted, vii. 478
Toucans, vii. 477
Toucnamcourvi, vii. 131. 230
Touraco brun, vii. 507
géant, vii. 507
Pauline, vii. 507. 585
violet, vii. 508
Touracos, vii. 507
Touyouyou, viii. 352. 508
Tracal, vii. 119
Tragopan, viii. 30. 241
Traquet d'Angleterre, vi. 498
familier, vi. 437
imitateur, vi. 437
montagnard, vi. 437
proprement dit, vii. 5
Traquets, vii. 3
Treron, viii. 93
Trichas, vi. 459
Trichoglossi, vii. 578
Tricophorus, vi. 296; viii. 680
barbatus, vi. 297
Tridactyles, viii. 61
Tringa, viii. 318. 375
alba, viii. 378
albescens, viii. 377
Alpina, viii. 379
atra, viii. 387
Australis, viii. 376
Bartramia, viii. 390
brevirostris, viii. 383
canutus, viii. 375
cinctus, viii. 530. 379
cinerea, viii. 375
coot-footed, viii. 391
equestris, viii. 382
falcinellus, viii. 378
ferruginea, viii. 376
fulcaria, viii. 384
fusca, viii. 387
gambetta, viii. 382. 387
glacialis, viii. 384
glareola, viii. 388
Grenovicensis, viii. 382
grisea, viii. 375
Helvetica, viii. 319

R

- Tringa* *hiatula*, viii. 312
Hyperborea, viii. 384. 391
hypoleucos, viii. 389
interpres, viii. 385
Islandica, viii. 375
itimantopus, viii. 380
leucoptera, viii. 377
littorea, viii. 382
lobata, viii. 384. 392. 532
Macei, viii. 378
macroptera, viii. 321
maculosa, viii. 377
maritima, viii. 376
minuta, viii. 376. 383
nævia, viii. 375
nigricans, viii. 376
Oakuensis, viii. 390
ochropus, viii. 388
platyrhynchus, viii. 380, 381
pugnax, viii. 381. 531
pusilla, viii. 376. 377. 383
religiosa, viii. 378
rubra, viii. 378
rufa, viii. 375
rufescens, viii. 377
ruficollis, viii. 379
Schenzii, viii. 379
semipalmata, viii. 383
squatarola, viii. 319
striata, viii. 376. 387
subarcuata, viii. 380
Temminckii, viii. 376
totanus, viii. 387
Urvilii, viii. 320
vanellus, viii. 319. 462
varia, viii. 319
variabilis, viii. 379
Triorchis, vi. 39
Trochilus, vii. 367
albicollis, vii. 379
albus, vii. 371
amethystinus, vii. 375
ater, vii. 372
aureo viridis, vii. 371
auritus, vii. 378
aurulentus, vii. 371
bilophus, vii. 374
Brasiliensis, vii. 369. 371
brevicauda, vii. 372
carbunculus, vii. 377
chalybeus, vii. 373
chrysurus, vii. 369
cinereus, vii. 370
collaris, vii. 378
colubris, vii. 375
cristatus, vii. 372
elegans, vii. 369
enicurus, vii. 376
ensipennis, vii. 374
Trochilus *forficatus*, vii. 369
fulgens, vii. 372
furcatus, vii. 375
gigas, vii. 377
gutturialis, vii. 370
hirsutus, vii. 371
holosericeus, vii. 371
jugularis, vii. 370
Langsdorffii, vii. 376
latipennis, vii. 374
leucogaster, vii. 378
leucurus, vii. 368
longirostris, vii. 378
maculatus, vii. 378
magnificus, vii. 373
mango, vii. 370
margaritaceus, vii. 372
Maugeanus, vii. 375
melanogaster, vii. 370
melanotus, vii. 372
mellisuga, vii. 377
mellivorus, vii. 375. 378
mesoleucos, vii. 374
minimus, vii. 376
moschitus, vii. 377
multicolor, vii. 372
nævius, vii. 370
ornatus, vii. 373
ourissia, vii. 377
pectoralis, vii. 371
pella, vii. 368
petasophorus, vii. 373
pileatus, vii. 373
platyrus, vii. 376
platycerius, vii. 372
polythmus, vii. 369
punctatus, vii. 371
pygmæus, vii. 372
rubineus, vii. 377
saphyrinus, vii. 379
scutatus, vii. 373
smaragdo-saphyrinus, vii. 375
squalidus, vii. 369
squamosus, vii. 379
superbus, vii. 378
superciliosus, vii. 368
Taumauias, vii. 370
thalassinus, vii. 372
violaceus, vii. 370
viridis, vii. 371
Troglodytes, vi. 473; vii. 42
Œdon, vi. 473; vii. 44
arundinaceus, vii. 474
Europæus, vi. 473
hiemalis, vi. 473; vii. 44
obsoleta, vi. 409
Trogon, vii. 473
albiventris, vii. 475
ardens, vii. 476

Trogon atricollis, vii. 474
 aurantius, vii. 476
 black-headed, vii. 474
 castaneus, vii. 474
 cinereus, vii. 474
 cinnamomeus, vii. 476
 collaris, vii. 474
 condea, vii. 475
 curucui, vii. 474
 domicellus, vii. 475
 Domingo, vii. 475
 Duvaucel's, vii. 475
 fasciatus, vii. 475
 indented, vii. 541
 lesser red-bellied, vii. 474
 mountain, vii. 475
 narina, vii. 476
 oreskios, vii. 475
 pavoninus, vii. 476. 541
 red-bellied, vii. 474
 Reinwart's, vii. 475
 rosalba, vii. 474
 rufus, vii. 474
 strigilatus, vii. 474
 sulfuraceus, vii. 474
 Temminckii, vii. 476
 temnus, vii. 476
 variegatus, vii. 474. 476
 violaceus, vii. 474
 violet-headed, vii. 474
 viridis, vii. 474
 white-bellied, vii. 475
 white-collared, vii. 475
 yellow-bellied, vii. 474
Trogons, vii. 539
Tropic-bird, common, viii. 596
 red-tailed, viii. 597
Tropidorhynchus, vi. 412. 415
Troupiale, vii. 168
 à calotte rousse, vii. 171
 grand, vii. 166
 noir et varié, vii. 171
 noir, le petit, vii. 134
Troupiales, vii. 167. 319. 320
Trumpeter, undulated, viii. 302
Tschachert, vi. 288
Tuglek, viii. 631
Tuidara, vi. 75
Turdoides, vi. 388 ; viii. 684
 leucocephala, vi. 390
Turdus, vi. 374. 510
 Abyssinicus, vi. 382
 æneus, vi. 395
 Africanus, vi. 382
 Alaspi, vi. 279. 408
 albicapillus, vi. 382
 albicollis, vi. 383. 387
 albifrons, vi. 383. 392
 albiventris, vi. 387

Turdus amœnus, vi. 392
 Americanus, vi. 383
 analis, vi. 388
 aquaticus, vi. 454
 Arada, vi. 406
 arcuatus, vi. 382
 ardosiaceus, vi. 380. 384
 Arsinoë, vi. 382
 arundinaceus, vi. 392. 441. 514 ;
 vii. 29
 Asiaticus, vi. 382
 atricapillus, vi. 379. 381
 atriceps, vi. 389
 atricollis, vi. 379
 atrigularis, vi. 376
 auratus, vi. 393. 409
 aurigaster, vi. 389
 aurocapillus, vi. 392
 Australis, vi. 378
 azureus, vi. 389
 Badius, vi. 383
 bamble, vi. 406
 Barbaricus, vi. 383
 bicolor, vi. 393
 bimaculatus, vi. 388
 Borbonicus, vi. 382
 brachypterus, vi. 383. 468
 brachypus, vi. 383
 Brasiliensis, vi. 379
 brevicaudatus, vi. 383
 Cafer, vi. 388
 Calliope, vi. 392. 440
 campanella, vi. 407
 Camtschatkensis, vi. 440
 canorus, vi. 382
 cantans, vi. 406
 cantor, vi. 394
 Capensis, vi. 389
 carbonarius, vi. 379
 Cayanensis, vii. 383
 certhiola, vi. 442
 Ceylonus, vi. 271
 chalybeus, vi. 394
 Chochi, vi. 383
 chrysogaster, vi. 378. 394
 chrysorhœus, vi. 389
 cinclus, vi. 410
 cinereus, vi. 383
 cinnamomeus, vi. 280. 380. 409
 cirrhatius, vi. 281
 Cochinsinensis, vi. 390. 419
 colma, vi. 404
 colma β , vi. 404
 columbinus, vi. 382
 Columbus, vi. 394
 concolor, vi. 381. 389
 Coraya, vi. 408
 coronatus, vi. 454
 crassirostris, vi. 271. 383

Turdus crotopagus, vi. 387
curæus, vi. 383
cyaneus, vi. 375. 383. 392. 403
cynocephalus, vi. 384
cyanurus, vi. 400
Daoma, vi. 383
dentirostris, vi. 383
dilutus, vi. 383
disparis, vi. 389
Dominicanus, vi. 377. 425
Dominicus, vi. 385
dubius, vi. 376. 383
eremita, vi. 376
erythropterus, vi. 378
explorator, vi. 376
Falklandii, vi. 382
felivox, vi. 385
flavipes, vi. 383. 387
flavirostris, vi. 403
flavus, vi. 382. 397
formicivorus, vi. 404
frivulus, vi. 383
fuliginosus, vi. 384
fumigatus, vi. 387
fuscatus, vi. 386
fuscipes, vi. 408
fuscus, vi. 383
Ginginianus, vi. 423
griseus, vi. 382. 402
gularis, vi. 382
gutturalis, vi. 383. 434
Guyanensis, vi. 387
hæmorrhousa, vi. 381
harmonicus, vi. 384
Hispaniolensis, vi. 379
Hudsonius, vi. 392
iliacus, vi. 384
importunus, vi. 378
Indicus, vi. 381
inquietus, vi. 383
Jamaicensis, vi. 387
Javanicus, vi. 381
jugularis, vi. 392
Kamtckensis, vi. 312
Labradorius, vi. 392
Leschenaultii, vi. 382
leucocephalus, vi. 382. 392. 425
leucogaster, vi. 394
leucogenus, vi. 383
leucomelas, vi. 383
leucophrys, vi. 383
leucopterus, vi. 383
leucotis, vi. 383. 419
leucurus, vi. 375. 436
lineatus, vi. 404
lividus, vi. 385
longirostris, vi. 383
lunulatus, vi. 384. 419
Macei, vi. 383

Turdus Madagascariensis, vi. 379
Malabaricus, vi. 390. 392. 423
Manillensis, vi. 376
maxillaris, vi. 383. 419
melanicherus, vi. 378
melanocephalus, vi. 383. 423
melanophrys, vi. 383
melanops, vi. 383. 418
melinus, vi. 384. 419
melodus, vi. 386
merula, vi. 374
migratorius, vi. 385. 524
Mindanaensis, vi. 294
miniatus, vi. 378
minor, vi. 383. 386
monachra, vi. 382. 392. 397
morio, vi. 393
motacilla, vi. 392. 454
musicola, vi. 383
mustelinus, vi. 386
musicus, vi. 384. 522
nævius, vi. 383
Naumanni, vi. 376
nigricapillus, vi. 377
nigricans, vi. 389
nigricollis, vi. 382
nitens, vi. 393
Novæ Hollandiæ, vi. 383
Noveboracensis, vi. 392
obscurus, vi. 382
ochrocephalus, vi. 392. 425
olivaceus, vi. 383. 386
Oonalaschka, vi. 382
Orientalis, vi. 294. 363. 392
ornatus, vi. 377
Orpheus, vi. 385
ouravang, vi. 378
Pacificus, vi. 383
pagodarum, vi. 392. 423
palmarum, vi. 312. 381. 392.
 490
pectoralis, vi. 380. 409
Peronii, vi. 383
Persicus, vi. 383
perspicillatus, vi. 377
phænicopterus, vi. 389
phænicurus, vi. 377
Philippensis, vi. 383
pisaris, vi. 384
plumbeus, vi. 380
poliocephalus, vi. 383
polyglottus, vi. 385
pratensis, vi. 379
praurus, vi. 383
punctatus, vi. 384
reclamator, vi. 379
rex, vi. 403
roseus, vi. 392
rubiginosus, vi. 280

Turdus ruficaudus, vi. 383
ruficollis, vi. 382
rufifrons, vi. 283. 380. 409
rufiventris, vi. 383. 386. 387
rufus, vi. 385
rupestris, vi. 376
rupicola, vi. 376
Sandwichensis, vi. 383
saturninus, vi. 285
saxatilis, vi. 375
sellacis, vi. 392
Senegalensis, vi. 377. 379
shannu, vi. 383
Sibiricus, vi. 382
silens, vi. 286
Sinensis, vi. 387. 425
solitarius, vi. 375. 386
sordidus, vi. 287
speciosus, vi. 357. 382. 392; vii. 122
splendidus, vi. 382
squammeus, vi. 377
striatus, vi. 387
Suerii, vi. 383
Suratensis, vi. 382
tenebrosus, vi. 383
tibicens, vi. 377
tinnicus, vi. 403
tintinnabulatus, vi. 407
torquatus, vi. 375. 534
trichas, vi. 391
tricolor, vi. 378. 383
triostechus, vi. 400
Tripolitanus, vi. 382
triurus, vi. 383
Ulietensis, vi. 383
Vaillantii, vi. 389
validus, vi. 383
variegatus, vi. 383. 387
varius, vi. 381. 383
violaceus, vi. 376
virescens, vi. 383
viridi olivaceus, vi. 382
viridis, vi. 381
viscivorus, vi. 384. 524
volitans, vi. 369
Wilsonii, vi. 386

Turkey, viii. 154
 common, viii. 16
 Honduras, viii. 163
 horned, viii. 31
 marail, viii. 9

Turkies, viii. 15
 wild, viii. 16

Turnix, viii. 62. 268
 Africanus, viii. 62
 Dussumier's, viii. 65
 maculatus, viii. 63
 white-spotted, viii. 63

Turtle, African, viii. 83
 blue-headed, viii. 73
 Cambayan, viii. 84
 Chinese, viii. 77
 collared, viii. 77. 290
 common, viii. 77
 green, viii. 82
 Javan, viii. 81
 Luzonian, viii. 77
 Malacca, viii. 85
 Malabar, viii. 85
 red-breasted, viii. 74
 spotted-necked, viii. 77. 290
 striated, viii. 82
 Surat, viii. 84
 Surinam, viii. 90
 white, viii. 85

Tutre, vii. 407

Tuyuyu-guazo, viii. 507

Twit, vii. 387

Tyrannula, viii. 681
 affinis, vi. 349
 barbirostris, vi. 349
 musica, vi. 350
 nigricans, vi. 349
 obscura, vi. 349
 pallida, vi. 349; viii. 682

Tyrannus, vi. 318; viii. 681
 albicollis, vi. 322
 ambulans, vi. 321
 atricapillus, vi. 272. 323
 bellicosus, vi. 321
 bellulus, vi. 319
 calcaratus, vi. 321
 carnivorus, vi. 320
 Cayanensis, vi. 320
 coronatus, vi. 325
 crassirostris, vi. 323
 crudelis, vi. 324
 Dominicanus, vi. 327
 griseus, vi. 324
 intrepidus, vi. 323
 irritabilis, vi. 320
 irupero, vi. 326
 leucotis, vi. 324
 longipennis, vi. 319
 magnanimus, vi. 320
 matutinus, vi. 324
 melancholicus, vi. 319
 pentaveo, vi. 320
 pepoaza, vi. 322
 pipiri, vi. 323
 pyrrhophaius, vi. 321
 rixosus, vi. 321
 rufescens, vi. 321
 rufiventris, vi. 323
 rufus, vi. 321
 Savanna, vi. 319
 solitarius, vi. 32

- Tyrannus sulphuratus*, viii. 681
 verticalis, vi. 324
 violentus, vi. 320
 vociferus, vi. 323
 vorax, vi. 324
Tyrant, black and white winged, vi. 322
 noisy, vi. 323
 red-brown, vi. 321
 spiny-footed, vi. 321
 St. Domingo, vi. 324
 thick-billed, vi. 323
Tyrants, vi. 318. 491
 bald, vi. 357
Tytira, viii. 679
- Umbre*, viii. 509
 tufted, viii. 353. 509
Umbres, viii. 352
Upupa, vii. 379. 380
 aurantia, vii. 382
 Capensis, vi. 424 ; vii. 381
 epops, vii. 380. 398
 erythrorhynchus, vii. 382. 405
 fusca, vii. 382
 Indica, vii. 382
 Madagascariensis, vi. 424
 magna, vii. 382
 Mexicana, vii. 382
 minor, vii. 381
 Papuensis, vii. 382
 Paradisea, vi. 330 ; vii. 382
 promerops, vii. 365. 381. 405
 superba, vii. 382
Uria, viii. 553
 Balthica, viii. 554
 Brunnichii, viii. 554
 Francesii, viii. 554
 grylloides, viii. 554
 lachrymans, viii. 554
 Lomvia, viii. 554
 Mandtii, viii. 555
 marmorata, viii. 555
 scapularis, viii. 554
 Trolle, viii. 554
Uru, viii. 59
Urubitinga, vi. 44. 236
Urucurea, vi. 79
Urutau, vii. 78. 112
Urutaurana, vi. 45
- Vanga*, vi. 285
 destroying, vi. 286
 destructor, vi. 286
 striata, vi. 274
Vaginalis, viii. 416
- Vaginalis alba*, viii. 416
 chionis, viii. 416
Vanellus, viii. 318. 319
 Ægyptius, viii. 320
 albicapillus, viii. 321
 Cayanensis, viii. 464
 cinctus, viii. 320
 cristatus, viii. 319. 462
 flavipes, viii. 320
 gallinaceus, viii. 321. 322
 lobata, viii. 322
 Senegalus, viii. 465
 tricolor, viii. 322
Vanneau, viii. 462
Vautour de Norwège, vi. 186
 grand, vi. 15
 petit, vi. 186
Vermivora, vi. 465
Vest doré, vi. 395
Vauve à épaulettes, la, vii. 150
 chrysoptère, la, vii. 151
Vidua, vii. 149
 longicauda, vii. 149
Vinago, viii. 93. 273
Vinette, vi. 478
Vireo flavifrons, vi. 355
 musicus, vi. 356
 virescens, vi. 356
 rufescens, vi. 436
Viuva, vi. 327
Vouroudrions, vii. 461
Vultur, vi. 15
 Ægyptius, vi. 18
 Arrianus, vi. 17
 atratus, vi. 21
 aura, vi. 20. 21
 aureus, vi. 22. 162
 auricularis, vi. 17
 barbarus, vi. 162. 190
 barbatus, vi. 22. 162. 190
 Californianus, vi. 19
 chincou, vi. 16. 17
 cinereus, vi. 16
 cristatus, vi. 17. 42
 fulvus, vi. 15
 fuscus, vi. 20. 190
 galericulatus, vi. 18
 Gingianus, vi. 17
 gryphus, vi. 19
 Indicus, vi. 16
 Kolbii, vi. 16
 leucocephalus, vi. 20. 186
 macrocephalus, vi. 164
 monachus, vi. 16. 18. 162
 niger, vi. 17. 18
 nubicus, vi. 164
 papa, vi. 18. 164
 percnopterus, vi. 20. 186
 Pondicerianus, vi. 17

Vultur sacra, vi. 18. 166
 serpentarius, vi. 69
 trencalos, vi. 15
 uruba, vi. 21
 vulturinus, vi. 21
Vulture, vi. 15
 Angola, vi. 17. 186. 190
 Arabian, vi. 17
 ashy, vi. 16
 bearded, vi. 22. 190
 black, vi. 16. 21. 162
 black-crowned, vi. 162
 brown, vi. 17
 Californian, vi. 21
 carrion, vi. 20
 Cherikway, vi. 21
 chocolate, vi. 17
 cinereous, vi. 16. 162
 crested, vi. 42
 crested-black, vi. 16
 Gingi, vi. 20
 Egyptian, vi. 18. 187
 fulvous, vi. 15. 160
 golden, vi. 22
 great of the Andes, vi. 19
 Indian, vi. 15. 16
 Kolben's, vi. 16
 little, vi. 187
 of Lambs, vi. 190
 of Malta, vi. 190
 of New Holland, vi. 21
 of Norway, vi. 187
 painted, vi. 18. 166
 plaintive, vi. 21
 Pondicherry, vi. 17
 sociable, vi. 17. 163
 tawny, vi. 21. 23
 white-tailed, vi. 166
Vultures, vi. 15. 157
 king of the, vi. 18. 164

Waders, viii. 293
Wagtail, Cape, vi. 477
 green, vi. 475
 mournful, vi. 475
 pied, vi. 475
 scapular, vi. 448
 white, vi. 475
 yellow, vi. 476
 yellow-headed, vi. 476
Wagtails, vi. 474 ; vii. 50
 proper, vi. 474
 white, vii. 51
 yellow, vii. 54
Wallikikili, viii. 224
Walyvogels, viii. 444
Wapaw, vi. 485

Warbler, African, vi. 470
 Alpine, vi. 465 ; vii. 35. 37. 173
 aquatic, vi. 443
 autumnal, vi. 458
 Awatcha, vi. 464
 babbling, vi. 445 ; vii. 34
 Bataavian, vi. 453
 bay-breasted, vi. 456
 black and white, vi. 436
 black-headed, vi. 333. 445
 black-jawed, vi. 447
 black-necked, vi. 451
 black-poll, vi. 456
 black-throated, vi. 456
 black-throated blue, vi. 457
 Blackburnian, vi. 460
 blue, vi. 440
 blue-eyed yellow, vi. 460
 blue green, vi. 457
 blue-headed, vii. 172
 blue-striped, vii. 172
 blue-tailed, vi. 447
 blue-throated, vi. 439 ; vii. 11
 blue yellow-backed, vi. 459
 blue winged yellow, vii. 172
 bog, vi. 442
 banana, vi. 463
 Bourbon, vi. 449
 brown, vi. 473 ; vii. 44
 brown-throated, vi. 462
 buff-faced, vi. 447
 cærulean, vi. 458
 Cape May, vi. 455
 Cetti's, vi. 443
 chestnut-bellied, vi. 447
 chestnut-sided, vi. 456
 China, vi. 449
 chret, vi. 452
 Cingalese, vi. 448
 citron, vi. 452
 citron-bellied, vi. 449
 Connecticut, vi. 458
 crested, vi. 333
 Dartford, vi. 446
 Daurian, vi. 447
 dusky, vi. 450
 dwarf, vi. 470. 471
 equinoctial, vi. 451
 exile, vi. 469
 flaxen, vi. 469
 grasshopper, vi. 443
 gray, vi. 444
 green and white, vi. 462
 green Indian, vi. 448
 golden-crest like, vi. 471
 golden-winged, vii. 172
 grisly, vi. 461
 hang-nest, vi. 463
 hawk-like, vi. 445 ; vii. 35

- Warbler, hemlock, vi. 456
 Jamaica, vi. 462
 Javan, vi. 451
 Kentucky, vi. 458
 Lambert's, vi. 468
 long-billed, vi. 463
 long-legged, vi. 452
 long-tailed, vi. 467
 Luzonian, vi. 436
 Madagascar, vi. 449
 Magellanic, vi. 461
 Maurice, vi. 473
 mountaineer, vi. 453
 mourning, vi. 459
 murine, vi. 447
 Nashville, vii. 172
 olive, vi. 448
 orange-bellied, vi. 472
 orange-crowned, vii. 172
 orange-headed, vi. 462
 orange-rumped, vi. 469
 Orpheus, vi. 444
 palm, vi. 454
 passerine, vi. 445; vii. 34
 Patagonian, vi. 461
 pensile, vi. 472
 Philippine, vi. 436
 pine creeping, vi. 464
 pine swamp, vi. 458
 pink, vi. 448
 plumbeous, vi. 451
 Prairie, vi. 457
 protonothary, vii. 172
 red-bellied, vi. 305
 red-tail, vi. 440
 reed, vi. 466
 of the reeds, vi. 443
 rufous and black, vi. 462
 rufous-tailed, vi. 461
 rusty-headed, vi. 461
 rusty-side, vi. 452
 Sarda, vi. 446
 sedge, vi. 442
 sibyl, vi. 437
 silky, vi. 441
 simple, vi. 463
 sooty, vi. 436
 spectacled, vi. 446
 spotted, vi. 443; vii. 30
 spotted yellow, vi. 457
 St. Domingo, vi. 462
 stone chat, vii. 5
 subalpine, vi. 446
 superb, vi. 468
 taylor, vi. 450
 Tennessee, vii. 172
 undated, vi. 449
 wheat-ear, vii. 4
 white-breasted, vi. 445
- Warbler, white-chinned, vi. 450
 white-crowned, vi. 448
 white-eyed, vi. 453
 winter, vii. 37
 worm-eater, vi. 462
 worm-eating, vii. 172
 yellow-bellied, vi. 461
 yellow-poll, vi. 472
 yellow-rump, vi. 454
 yellow-throated, vi. 460
 yellow wren, vi. 472
- Warblers, vi. 434. 440. 465; vii. 3
- Water-hens, viii. 411
- Wattle-bird, vii. 336
- Weavers, vii. 229
- Wheatear, vi. 435
 black-hooded, vi. 437
 Rousset, vi. 435
- Whenchat, vi. 435
- Whip-poor-Will, vii. 74. 109
- Whisky John, vi. 485
 white, vi. 485
- Whitetail, vi. 435
- White-throat, vi. 444
 lesser, vi. 445
- Widow Chuck Will's, vii. 74
- Wigeon, American, viii. 622
 Cape, viii. 624
- Wimbrel, viii. 365
- Woodcock, viii. 367. 521
 little, viii. 367
 Savanna, viii. 369
- Woodcracker, vii. 387
- Woodpecker, vii. 509
 Azara's, vii. 444
 banded, vii. 451
 Bengal, vii. 443
 black-bearded, vii. 512
 blue, vii. 387
 buff-crested, vii. 441
 Canada, vii. 446
 cardinal, vii. 448
 Carolina, vii. 447
 Cayenne, vii. 448
 Ceylonese, vii. 444
 Chili, vii. 443
 concrete, vii. 442
 Crawford's, vii. 513
 crimson-rumped, vii. 444
 digging, vii. 451
 dusty, vii. 442
 encenade, vii. 447
 ferruginous, vii. 445
 field, vii. 448
 gaudy, vii. 444
 Goa, vii. 443
 gold-back, vii. 444
 gold-winged, vii. 451
 golden-crested, vii. 448

- Woodpecker, great black, vii. 439
 greater spotted, vii. 440
 green, vii. 439
 hairy, vii. 446
 helmet, vii. 441
 Lewis's, vii. 443
 lineated, vii. 441
 little, vii. 447
 Mace's, vii. 449
 Malacca, vii. 447
 Manilla, vii. 444
 middle spotted, vii. 440
 minute, vii. 451
 northern three-toed, vii. 450
 passerine, vii. 445
 pierced, vii. 443
 pileated, vii. 441
 rayed, vii. 448
 red, vii. 444, 445
 red-bellied, vii. 446
 red-cheeked, vii. 447
 red-headed, vii. 442
 red-necked, vii. 442
 robust, vii. 442
 rufous, vii. 447
 sklit, vii. 448
 Sphinx's white-billed, vii. 442
 St. Domingo, vii. 443
 strong-billed, vii. 442
 supercilious, vii. 448
 Surinam, vii. 445
 swallow, vii. 446
 white-billed, vii. 441
 yellow, vii. 445
 yellow-bellied, vii. 446
 yellow-crested, vii. 448
 yellow-headed, vii. 445
 yellow-shafted, vii. 451
 yellowish, vii. 446
 Woodpeckers, vii. 438
 Worabee, vii. 132. 232
 Worail, viii. 304
 Wren, Buenos Ayres, vi. 474; vii. 47
 Byron's golden-crested, vii. 42
 common, vi. 473; vii. 42
 gold-crested, vi. 472; vii. 39
 great Carolina, vi. 474; vii. 48
 house, vi. 473; vii. 44
 marsh, vii. 49
 reed, vi. 442; vii. 30
 Wren, winter, vi. 473; vii. 44
 yellow-crested, vii. 41
 Wrens, vi. 471
 Wryneck, vii. 452
 anomalous, vii. 453
 crested, vii. 452
 least, vii. 452
 little, vii. 453
 Wrynecks, vii. 451. 513
 Xanthornus, vii. 168, 169
 Xenops, vii. 345. 388
 Anabatoides, vii. 346. 388
 genibarbis, vii. 346
 Hoffmanseggii, vii. 346
 rutilus, vii. 346
 Xiutototl, vi. 306
 Yacous, viii. 7
 Yacu carraguata, viii. 129
 Yacucha, viii. 10
 Yahana bleu de ciel, viii. 413
 Yapou, vii. 318
 Yapu, vii. 166
 Yellow-throat, Maryland, vi. 459
 Yetapa, vi. 320
 Yiperu, vi. 319
 Ynambu bleuâtre, viii. 68
 canapé, viii. 69
 rayé, viii. 67
 Ynambus, viii. 66
 Ypecaha, viii. 409
 brun, viii. 409
 noirâtre, viii. 409
 Yphantes, vii. 168
 Yunx, vii. 451. 513
 minutissima, vii. 451, 452
 torquilla, vii. 452. 513
 Yzguautzli, vi. 42
 Zapornia, viii. 406
 minuta, viii. 408
 pusilla, viii. 408
 Zaramagullen noir, viii. 591
 Zopilote papa, vi. 164
 Zosterops, vi. 453
 dorsalis, vi. 453

REPTILIA.

VOL. IX.

* * Letter *s* in this index refers to the Synopsis, of which the folios are at the foot of the pages.

ABOMA, vol. ix. 254
 Abou Burs, 148
 Abranchus, 410; *s.* 109
 Alleghaniensis, *s.* 109
 horridus, *s.* 109
 Acanthopis, 277; *s.* 82
 Brownii, 277; *s.* 82
 cerastinus, 277; *s.* 82
 Acanthosaura, *s.* 56
 Acontias, 244; *s.* 76
 cæcus, 245; *s.* 76
 lineatus, *s.* 77
 meleagris, *s.* 76
 reticulata, *s.* 76
 Acrochordus, 264. 336; *s.* 99
 dubius, *s.* 99
 fasciatus, 281 *s.* 99
 Javensis, 264
 Javanicus *s.* 99
 Ada, 111. 203; *s.* 28
 bicarinata, *s.* 29
 common, *s.* 28
 crocodilus, *s.* 28
 double-crested, *s.* 29
 Adder, Bordelaise, *s.* 262
 collared, *s.* 261
 four-striped, 262
 great, 257
 green and yellow, 262
 viperine, 261
 Adders, 256. 331
 Æsping, 272
 Agama, 122; *s.* 54
 aculeata, 124
 agilis, *s.* 58
 Aralensis, *s.* 58
 arenaria, *s.* 58
 armata, *s.* 56
 atra, 124; *s.* 57

Agama azurea, vol. ix; *s.* 42
 barbata, 122; *s.* 60
 brevicaudata, *s.* 42
 calotes, *s.* 56
 catenata, 127; *s.* 40
 collaris, *s.* 31
 colonorum, 123. 216
 cornuta, 124. 217; *s.* 45
 crisatella, 127; *s.* 55
 crisata, 127; *s.* 55
 cyclura, 126; *s.* 42. 43
 deserta, *s.* 58
 dorsalis, *s.* 56
 Douglassii, *s.* 44
 flavigularis, *s.* 55
 gigantea, 128
 grandoculis, *s.* 60
 gutturosa, 127; *s.* 56
 Indica, *s.* 55
 isodactyla, *s.* 58
 Jacksoniensis, *s.* 60
 minor, *s.* 55
 Molnail, *s.* 47
 nigricollis, *s.* 41. 43
 nigrocollaris, 126
 occipitalis, *s.* 56
 ocellata, *s.* 59
 ophiomachus, 127
 orbicularis, *s.* 57, 58
 picta, 127; *s.* 40
 platura, *s.* 52
 plica, *s.* 41
 Pondiceriana, *s.* 57
 ruderata, *s.* 58
 semitæniata, *s.* 41
 sinuata, *s.* 58
 spinosa, 216; *s.* 57
 straminea, *s.* 58
 subspinosa, *s.* 57

- Agama taraguira*, vol. ix; s. 41
 tigrina, s. 55
 tuberculata, 136; s. 41. 56
 umbra, 124; s. 41
 undulata, 126; s. 43
 versicolor, s. 55
 vultuosa, 127; s. 56
Agama, *Aral*, s. 58
 Cape, s. 57
 common, 122; s. 57
 muricated, 123
 mutable, s. 58
 obsoletely-crested, s. 56
 occipital, s. 56
 ocellated, 122
 Ruppel's, s. 58
 sand, s. 58
 slender, s. 58
 tubercular, s. 56
 yellow-striped, s. 57
Agamæ, 215
 orbiculariæ, 124
Agame arlequiné, 127
 à *pierreries*, 124
 à *queue prenante*, 129
 ponetué, 151
Ahætula 259; s. 93
 Linnei, s. 93
 liocercus, s. 93
 periophthalmica, s. 93
 Richardi, s. 93
Aispysure, 280
Alecto, s. 79
Alygyra, 117; s. 35
 Cuvieri, s. 35
 common, s. 35
Alligator, 105; s. 21
 lucius, s. 21
 palpebrosus, s. 21
 sclerops, s. 21
 eye-browed, s. 21
 pike-muzzled, s. 21
 spectacled, s. 21
Amblicephalus, s. 94
 carinatus, s. 94
 coccineus, s. 94
 levis, s. 94
 mikani, s. 94
 Nattereri, s. 94
Amblyrhynchus, s. 37
 ater, s. 37
 cristatus, 133; s. 37
Ameiva, 113. 205; s. 29
 argus, 114; s. 29
 cæruleocephala, 114; s. 30
 collaris, s. 31
 cyanomelas, s. 30
 lateristriga, 114; s. 30
 lemniscata, 114; s. 30
Ameiva litterata, vol. ix. 114; s. 29
 tessellata, s. 30
 Teyus, 114; s. 31
 trilineata, s. 30
 viridis, s. 31
 vulgaris, s. 29
Ameiva, black marked, 205
 blue, s. 30
 blue and black, s. 30
 blue-headed, s. 30
 checkered, s. 30
 collared, s. 31
 green, s. 31
 graphique, 114
 lettered, s. 29
 striped, s. 30
 three-streaked, s. 30
Amphibia, s. 99
Amphipneusta, s. 107
Amphisbæna, 246. 324; s. 66
 alba, 247. 325; s. 66
 blana, s. 66
 cæca, 247; s. 67
 cinerea, s. 66
 flavescens, 247; s. 66
 fuliginosa, 247. 326; s. 66
 oxyura, s. 66
 pathyura, s. 66
 punctata, 247; s. 66
 vermicularis, 247; s. 66
Amphisbæna, blind, s. 67
 white, 325; s. 66
Amphiuma, 411. 474; s. 109
 means, 411. 474; s. 109
 tridactylum, 411. 475; s. 109
Anacondo, 253
Ancistodon, s. 79
Anguis, 241, 242, 243. 306; s. 74
 alba, s. 91
 ater, 251; s. 75
 bipes, 161; s. 74
 calamaria, s. 91
 clivica, 244; s. 74
 corallinus, 251. 327; s. 75
 crocotatus, s. 77
 erix, 244; s. 74
 fragilis, 244. 306; s. 74
 granulatus, 264
 laticauda, s. 98
 lineata, s. 74
 lumbricalis, 248
 maculatus, 251
 melanosticus, s. 75
 Meleagris, 245; s. 76
 platurus, 280
 quadrupes, 159. 240
 reticulatus, 248; s. 76
 rufa, s. 75
 scytale, 251; s. 75

- Anguis striatus*, vol. ix ; s. 75
 tessellatus, 251 ; s. 75
 ventralis, 243 ; s. 65
 vermicularis, 247
 zyphura, 264 ; s. 98
Anilius, 250 ; s. 75
 corallinus, s. 75
 latta, s. 75
 maculatus, s. 75
 melanotis, s. 75
 melaustictus, s. 75
 rufus, s. 75
 scytale, s. 75
Anolis, 137. 205. 227 ; s. 46
 bimaculata, s. 46
 Cuvierii, s. 46
 Edwardsii, 228 ; s. 46
 equestris, s. 46
 gracilis, s. 46
 lineatus, s. 46
 podargicus, s. 46
 punctatus, s. 46
 velifer, s. 46
 violaceus, s. 46
 viridis, s. 46
Anolis of Carolina, 139
 Cuvier's, s. 46
 de terre, 158
 dotted, s. 46
 Edwards, s. 46
 equestrian, s. 46
 gigantesque, 157 ; s. 68
 gouty, s. 46
 great-crested, 138
 green, s. 46
 lined, s. 46
 marbré, 158 ; s. 68
 parcé, s. 68
 pavé, 157
 roquet, 138
 slender, s. 46
 small-crested, 138
 striped, 139
 two-spotted, s. 46
 violet, s. 46
 with white points, 140
Anoliis, 137 ; s. 46
 equestris, 138
 gracilis, 140
 Leachianus, 145
 velifer, 138
 viridis, 140
Aquaquetzpallia, 132
Ascalabotes, 140
 stenodactylus, s. 49
Aspic of Cleopatra, 275
 of Egypt, 275
Aspidura brachyorrhis, s. 92
Aspis, 270 ; s. 83
Aspis Cleopatræ, vol. ix ; s. 81
 ocellata, s. 81
Asterodactylus, s. 105
Atractos, s. 91
 trilineatus, s. 91
Atropos, s. 79
 puniceus, s. 80
Auletris, s. 101
Axolotl, 411 ; s. 108
 common, s. 108
Axolotls, 411
Basilisk, 226
 banded, s. 45
 mitred, s. 45
Basilisks, 134
Basiliscus, 134 ; s. 45
 Americanus, s. 45
 vittatus, s. 45
Bathrops, 267
Batrachians, 5
Batrachia, 5
Berus, 271 ; s. 81
 ammodytes, s. 82
 vulgaris, s. 82
Bimane wormlike, s. 66
Bipède cannelé, 163
 lepidopode, 160
Bipedes, 160
Bipeds, 240
Bipes, 160 ; s. 73. 74
 anguinus, s. 74
 Fraseri, s. 73
 lepidopus, s. 74
 lineata, s. 73
Bipes Brazilian, s. 73
 Cape, s. 74
 Fraser's, s. 73
 New Holland, s. 73
Blindworm American, s. 74
 common, s. 74
 Otto's, s. 74
Boa, 251. 327 ; s. 96
 aculeata, s. 82
 albicans, 257
 amethystina, 257
 anacondo, 253 ; s. 96
 Antarctica, s. 82
 aquatica, 253 ; s. 96
 canina, 254 ; s. 96
 carinata, 255 ; s. 97
 castanea, 257
 cenchrus, 253 ; s. 96
 cenchrus, 254 ; s. 96
 conica, s. 97
 constrictor, 253 ; s. 96
 contortrix, s. 85
 elegans, 254 ; s. 97

- Boa empereur, vol. ix. 253 ; s. 96
 fasciata, 279
 hipnale, 254 ; s. 96
 horatta, 278 ; s. 82
 hortulana, 254 ; s. 96
 krait, s. 82
 latotecta, s. 95
 lateristriga, s. 96
 lineata, 279
 Merremii, 254
 murina, 253 ; s. 96
 mutus, s. 79
 ocellata, 255 ; s. 97
 orbiculata, 257 ; s. 97
 ordinata, 257
 ornata, s. 97
 palpebrosa, 277 ; s. 82
 porcaria, s. 85
 regia, s. 97
 reticulata, 257 ; s. 97
 rhombeata, 257 ; s. 97
 scytale, 253 ; s. 96
 Tartarica, s. 98
 viparina, 255 ; s. 97
 Boas, 251
 Boicinga, 345
 Boiquira, 345
 Bojobi, 253
 Bombina obstetricans, s. 103
 Bombinator, 402 ; s. 104
 Daudini, s. 104
 igneus, s. 104
 Bong bleu, 279
 Bongare à anneaux, 279
 Boodroopam, 269
 Bora, 257 ; s. 97
 Bothrops, s. 79
 furia, s. 79
 leucostigma, s. 79
 leucurus, s. 80
 Megæra, s. 79
 suruacea, s. 79
 tæniatus, s. 79
 Brachycephalus, 403 ; s. 104
 Brachylopus, 129 ; s. 37
 fasciatus, s. 37
 Brachyorrhos, s. 91
 albus, s. 91
 badius, s. 91
 brachyurus, s. 91
 decussatus, s. 91
 dimidiatus, s. 91
 flammigerus, s. 91
 Kuhlii, s. 91
 schach, s. 91
 torquatus, s. 91
 trilineatus, s. 91
 Brachypus, 162 ; s. 66
 abdominalis, s. 66
 Brachypu, common, vol. ix ; s. 66
 Breviceps, 403 ; s. 104
 albifrons, s. 104
 gibbosus, s. 104
 globosus, s. 104
 granosus, s. 104
 Surinamensis, s. 104
 marmoratus, s. 104
 Brodro pam, s. 80
 Bronchocela, s. 55
 Bufo, 398. 451 ; s. 102
 acutirostris, 402 ; s. 103
 agua, 402 ; s. 103
 albifrons, s. 104. 403
 Bengalensis, 402 ; s. 103
 bombina, 402
 calamita, 461 ; s. 103
 chlorogaster, s. 103
 cinereus, s. 102
 cinctus, 402 ; s. 103
 clamosus, s. 103
 cognatus, s. 103
 cruciatus, s. 103
 cyanophlyctis, s. 100
 ephippium, s. 104
 flaviventris, s. 103
 fuscus, s. 103. 399
 gibbosus, 403 ; s. 104
 globulosus, 403 ; s. 104
 granulosus, 402 ; s. 103
 ictericus, 401 ; s. 103
 levis, s. 104
 Lazarus, 401 ; s. 103
 maculiventris, 401 ; s. 103
 margaritiferus, s. 104
 marinus, s. 103
 melanostrictus, s. 103
 musicus, 402. 463 ; s. 103
 nasicus, 402
 nasutus, 402
 obstetricans, 400. 462 ; s. 103
 Palmarum, 401
 prætextatus, s. 103
 proboscideus, 402 ; s. 103
 pustulosus, s. 103
 Roeselii, s. 103
 roseus, s. 103
 rudibunda, s. 100
 salsus, s. 103
 scaber, 401 ; s. 103
 Schreberianus, s. 103
 semilineatus, 402 ; s. 103
 spinosus, 462
 sitibundus, s. 103
 stellatus, 401 ; s. 103
 variabilis, s. 103
 ventricosus, 402 ; s. 104
 viridis, s. 103
 vulgaris, s. 103

- Bumbos, vol. ix. 193
 Bungari, 279
 Bungarum pamma, 279
 Bungarus, 259. 279. 385; s. 95
 annularis, s. 95
 cæruleus, s. 95
 filiformis, 259; s. 93
 filum, s. 94
 semifasciatus, s. 95
- Cæcilia, 281. 386; s. 109. 110
 albiventris, 283; s. 110
 annulata, 283, 284; s. 110
 bivittata, 284; s. 110
 glutinosa, 284; s. 110
 hypocyana, s. 110
 interrupta, 283; s. 110
 lumbricoides, 284; s. 110
 nasuta, s. 110
 rostrata, 284; s. 110
 tentaculata, s. 110
 Cæcilia, annulated, 283
 bearded, s. 110
 glutinous, 284; s. 110
 interrupted-ringed, s. 110
 Javanese, s. 110
 ringed, s. 110
 sharp-nosed, s. 110
 tentaculated, 283
 two-banded, s. 110
 wormlike, s. 110
- Caiman, 105
 Calamaria, s. 91
 Calamita, 396; s. 101
 bilineatus, s. 101
 boans, s. 101
 Carolinensis, s. 102
 cinerea, s. 101. 102
 maximus, s. 101
 melanorabdotos, s. 102
 Surinamensis, s. 102
- Caliscertula, 211
 Calotes, 126; s. 55
 gutturosa, s. 56
 lepidogaster, 127; s. 56
 ophiomachus, s. 55
 Tiedemanni, s. 55
 tympanistra, s. 56
- Calotes, armed, s. 56
 blue, s. 55
 common, s. 55
 Indian, s. 55
 Kuhl's, s. 56
 long-legged, s. 56
 smaller, s. 55
- Cameleo trapes, 153
 Cameleonians, 152
- Caretta nasicornis, vol. ix; s. 21
 Cascavela, 345
 Cataphracta, s. 2
 Caudisona, 267; s. 78
 Causus, s. 83
 Cayman, s. 21
 pike-muzzled, 106. 197
 spectacled, 105. 198
 with osseous-eyelids, 107. 200
- Caymans, 105. 196
 Cecella, 159
 Cenchris, 255; s. 79. 97
 mockeson, s. 79
 ocellatus, s. 97
 regia, s. 97
- Centropyx, 115
 intermediate, s. 31
 spurred, s. 31
 striated, s. 31
- Cerapes carinata, s. 92
 Cerastes, 271; s. 81
 plicatus, s. 96
- Ceratophris, 395
 Ceratophrys, s. 101
 boiei, s. 101. 104
 clypeata, 395; s. 101
 cornuta, s. 101
 Daudini, 395
 dorsata, 395; 101
 granosa, 395; s. 101
 granulata, s. 104
 montana, s. 101
 scutata, s. 101
 Spixii, 395; s. 101
 varius, 395; s. 101
- Cerberus, 257
 Chalcide, 162; s. 66
 monodactyle, 162
- Chalcides flavescens, s. 66
 monodactylus, 162; s. 66
 tridactylus, s. 66
 zygnis, s. 72
- Chalcides, 161. 240; s. 65
 annulated, s. 66
 common, s. 65
- Chalcis, 162; s. 66
 Chamæloopsis, s. 45
 Hernandesii, s. 45
- Chamæsauro, 160; s. 73
 cophias, 162; s. 66
 propus, 163; s. 66
- Chamelion, 232
 dwarf, 154
 of Molucca, with forked nose,
 155
 of Senegal, 154
- Chameleons, 152
 Chameleo, 152
 bifidus, s. 54

- Chameleo bifurcus*, vol. ix. 155. 237; s. 45
bilobus, 155; s. 53
Brookesii, s. 53
carinatus, 153
cucullatus, s. 54
dilepis, 155. 237; s. 53
fimbriatus, s. 53
gymnocephalus, s. 53
lateralis, s. 53
margaritaceus, 154; s. 53
monilifer, s. 53
Owenii, s. 54
pardalis, 154; s. 53
Parsonii, 155; s. 54
planiceps, 154; s. 53
pinnulus, 154
pumillus, s. 53
Seichellensis, 154
Senegalensis, s. 53
subcroceus, 153
superciliaris, s. 53
tigris, 153; s. 53
verrucosus, 154; s. 53
vulgaris, s. 53
Chameleon, s. 52
banded, s. 53
Brookesii, s. 53
Cape, s. 53
common, 153; s. 53
eared, s. 53
hooded, s. 54
panther, s. 53
Parson's, s. 54
Senegal, s. 53
streaked-sided, s. 53
three-horned, s. 54
two-horned, s. 54
Champses, 102
Chaunus marmoratus, s. 104
Chelodina, 12; s. 15
longicollis, s. 15
Chelonia, 4. 14; s. 20
caretta, s. 20
coriacea, s. 20
imbricata, s. 21
lachrymata, 15; s. 20
maculosa, 15; s. 20
Mydas, s. 20
olivacea, s. 20
radiata, 16; s. 20
virgata, 16; s. 20
Chelonians, 4. 81
Chelonura, 13
Chelydes, 17
Chelydra, 13; s. 14
lacertina, s. 14
serpentina, s. 14
Chelys, 17; s. 14
Chelys Adansonii, vol. ix; s. 15
castaneus, s. 14
Cayennensis, s. 17
depressa, s. 16
Dumeriliana, s. 17
expansa, s. 17
fimbriata, s. 17
lata, s. 17
longicollis, s. 15
Macquarii, s. 15
Matamata, s. 17
planiceps, s. 16
radiolata, s. 16
rufipes, s. 16
subrufa, s. 15
viridis, s. 16
Chelys, Adanson's, s. 15
Cape, s. 15
Cayenne, s. 17
chestnut, s. 14
Demerara, s. 17
depressed, s. 16
Dumeril's, s. 17
expanded, s. 17
flat-headed, s. 16
green, s. 16
long-necked, s. 15
Macquarie's, s. 15
radiated, s. 16
red-footed, s. 16
Chersina, s. 5
angulata, s. 5
Chersine, 9
Chersydrus, 281; s. 99
granulatus, s. 99
Chirotes, 162; s. 66
Chlorosoma viridissima, s. 90
Chlamydosaurus, 217; s. 60
Chrysodonta larvæformis, 411. 474; s. 109
Chysopelea, s. 94
Paradisi, s. 94
rhodopleura, s. 94
Cicigna, 159. 240; s. 63
Burnettii, 240
Madagascariensis, s. 64
sepiformis, s. 63
Cicigna, common, s. 63
Madagascar, s. 64
smooth, s. 63
Cista sternalis, 404
Cistuda, 13. 77. 80; s. 7
Amboinensis, s. 7
Carolinæ, s. 7
Europea, s. 7
odorata, s. 13
trifasciata, s. 7
Clælia, s. 89
aurora, s. 90

Clælia dorsata, ix. s. 90
 melanocephala, s. 90
 occipitalis, s. 90
Clamydosaurus, 247; s. 60
 Kingii, s. 60
Clothonia, s. 98
Cobra, 270
 di capello, 274. 376
Coclopeltis lacertina, s. 94
 tigrina, s. 94
Colobus, 162; s. 66
 Daudini, s. 66
Coluber, 256. 330; s. 85
 acuminatus, s. 93
 æneus, s. 96
 æstivus, s. 86
 Æsculapii, s. 87. 89
 Africanus, s. 90
 agilis, s. 89
 ahætula, 259; s. 93
 albus, s. 91
 alvearius, s. 92
 ambiguus, s. 79
 ammobates, s. 88. 90
 ammodytes, 271; s. 82
 anastomosatus, s. 86
 angulatus, s. 96
 annulatus, s. 90
 aspis, s. 82
 atratus, 264
 atriventer, s. 88. 89
 atrofuscus, s. 90
 atropos, s. 81
 atrovirens, 262; s. 87
 atrox, s. 79. 95
 audax, s. 92
 aulicus, s. 92
 aurora, s. 90
 Austriacus, 262. 335
 azureus, s. 87
 baliedeira, s. 91
 barbarus, s. 87
 berus, 270. 272. 354; s. 82
 bicarinatus, s. 89
 bicinctus, s. 90
 bilineatus, s. 87. 91
 binatus, s. 89
 bitis, s. 81
 boæformis, 257; 97
 Boddartii, s. 90
 Borealis, s. 85
 bracyurus, s. 91
 Bramminus, s. 86
 Brasiliensis, s. 81
 buccatus, s. 95
 bucephalus, 259; s. 95
 cacodæmon, s. 80
 cæruleus, s. 94
 calamaria, s. 91

Coluber cancellatus, ix. s. 88. 92
 candidus, s. 95
 caninana, s. 87
 canus, s. 87. 88
 capistratus, s. 87
 capite niger, s. 90
 capite triangularis, s. 80
 Caracas, 259; s. 93
 carinatus, s. 89
 carinicaudatus, s. 95
 castaneus, s. 83
 catenulatus, 260
 catenularis, s. 92
 Catesbii, s. 95
 caudiolus, s. 90
 cenchoa, s. 95
 cerastes, 271; s. 81
 Cerberus, 257; s. 95
 chersea, 272; s. 82
 cinerascens, s. 88
 Clælia, s. 89
 clamacophorus, s. 88
 cobella, s. 90
 coccineus, s. 94
 compressus, s. 95
 conspicillatus, s. 88
 constrictor, 335; s. 85
 corais, s. 87
 cornutus, s. 81
 coronatus, s. 87
 crassicaudatus, s. 90
 crucifer, s. 88; 93
 cyaneus, s. 87
 decorus, 259; s. 94
 dictyodes, s. 90
 dimidiatus, s. 91
 doliatus, s. 90
 domicella, s. 83
 domicellarum, s. 83
 dora, s. 86
 dubius, s. 81
 Egypticus, s. 81
 elaphis, s. 87
 elegans, s. 94
 Epidaurius, s. 90
 erythrogrammus, s. 95
 erythrogaster, s. 86
 Esculapii, 263
 fasciolatus, s. 92
 fasciatus, s. 86
 flavescens, 264; s. 87
 flavilineatus, s. 88
 flavius, 276
 formosus, s. 89
 fulgidus, 260; s. 93
 fuliginosus, s. 87
 fuscus, s. 89
 Galathea, s. 92
 Gallicus, s. 93

Coluber geminiatus, ix. s. 88
Geoffroyi, s. 87
getulus, s. 87
Girondicus, 262; s. 93
glaucus, s. 97
grammineus, s. 80
hæmachates, 273
haje, 274; s. 83
halys, s. 80
Hebe, s. 92
Hebriacus, s. 81
Helena, s. 83
heterodon, s. 85
hippocrepis, s. 87
hitambocia, s. 90
horridus, 263
humanus, s. 87
hybridus, s. 85
hydrus, s. 86
ibibcea, s. 94
ignobilis, s. 90
inornatus, s. 88
intumescens, s. 81
jaculatrix, 263
janthinus, 263; s. 90
Jara, s. 96
Javanicus, 257. 330; s. 97
korros, s. 88
lacertina, s. 94
lacteus, 276; s. 83
lævicollis, s. 89
lævis, s. 91
lanceolatus, s. 79
laticaudatus, 275; s. 84
Latoni, 276; s. 84
latratus, s. 83
lebetinus, s. 80
lemniscatus, 275; s. 83
leucocephalus, s. 92
leucomelas, s. 87
Lichtensteinii, s. 87
lineatus, 263; s. 90
lineolatus, s. 94
Linnæi, s. 91. 96
liocercus, s. 93
lubricus, 276; s. 84
lumbricoides, s. 91
lutrix, s. 89
macrorhinus, s. 92
maculosa, s. 91
malignus, s. 92
malpolon, s. 86
margaritaceus, s. 83
Maximiliana, s. 92
Megara, s. 79
Meifrenii, s. 87
melanocephalus, s. 90
melanopsis, s. 88
melanurus, s. 88

Coluber Meleagris, ix. s. 90
Meridionalis, s. 91
Merremii, s. 90
mikani, s. 94
millaris, s. 90
minochronis, s. 87
monilis, s. 95
molurus, s. 96
multipunctata, s. 91
murorum, s. 85
Naia, 274; s. 83
nasicornis, s. 81
nasutus, 260; s. 93
natrix, 261. 333; s. 85
Nattereri, s. 94
nebulatus, s. 95
Nicandri, s. 90
Novæ Hispanicæ, s. 87
nympha, s. 89
Bahaiensis, s. 87
obscurus, s. 88
octolineatus, s. 91
Olfersii, s. 87
olivaceus, s. 87
Oppelii, s. 85. 88
ordinatus, s. 86
Orientalis, s. 90
ornatus, s. 94
oxycephalus, s. 88
pæcilogyrus, s. 89
pæcilostoma, s. 86
palustris, s. 86
Parias, s. 88
parietalis, s. 86
personatus, s. 87
Peruvianus, s. 87. 95
pethola, s. 90. 92
pictus, s. 94
pileatus, s. 87
plicatus, s. 96
plumbeus, s. 87
Plutonicus, s. 87
porcatus, s. 86
porphyraceus, s. 83
prester, 273; s. 82
proximus, s. 86
pseudo-echidna, s. 85
pullatus, s. 87
punctatus, s. 87
purpurascens, s. 93
pyrrhonotus, s. 89
quadricarinatus, s. 80
radiatus, s. 88
raninus, s. 90
reginæ, 263; s. 90
reticulata, s. 91
rhabdocephalus, s. 88
rhombeatus, s. 91. 94
rufescens, s. 90

- Coluber rufulus*, ix. s. 90
Russellii, s. 81. 92
Saturninus, s. 88
saurocephalus, s. 88
scalaris, s. 87
scandens, s. 94
schokari, s. 94
scurrula, s. 87
Sebæ, s. 97
serpentinus, s. 90
severus, s. 88
sexcarinatus, s. 89
sibilans, 264; s. 86. 93
Siculus, 261
simus, s. 85
stolatus, s. 86
subcinctus, s. 92
subfuscus, s. 89
subirides, s. 86
subminiatus, s. 86
Sumatranus, s. 80
Surinamensis, s. 84
tæniolatus, s. 91
trilineatus, 264
tessellatus, s. 91
Tisiphone, 268; s. 79
trabalis, s. 87, 88
trianguliferus, s. 86
triangulum, s. 87
tricolor, s. 88
trigonocephalus, s. 80
trinoculus, s. 81
triseriatus, s. 81
tristis, s. 94
trivirgatus, s. 88
typhlus, s. 90
Tyria, s. 94
variabilis, s. 86. 87
varius, s. 96
venustissima, s. 89
versicolor, s. 88
vip. nigrum, 273; s. 83
vipera, s. 81
viperinus, 261; s. 85, 86
virgulata, s. 91
viridicæruleus, s. 87
viridiflavus, s. 87
viridissimus, 263; s. 90
vittatus, s. 86
vulneratus, s. 88
Colubro uccellatore, 335
Constrictor, s. 97
Cophias, 162. 267; s. 72. 79
atrox, 269; s. 79
bilineatus, 269; s. 80
bothrops, s. 79
crotalinus, s. 79
flavescens, s. 66
furia, s. 79
Cophias hypnale, ix. s. 80
jacaraca, 269; s. 79
lanceolatus, s. 79
leucostigma, s. 79
leucurus, s. 80
Megæra, s. 79
Neuweidii, s. 79
punicea, s. 80
Russellii, s. 80
Sumatranus, s. 80
tæniatus, s. 79
tessellatus, s. 79
triangulum, s. 79
trigonocephalus, s. 80
viridis, s. 80
Wagleri, s. 80
Coralle, 254
Corallus obtusirostris, s. 97
Cordylea, 120
Cordylus, 118. 213
dorsalis, 119
griseus, 119; s. 63
lævigatus, s. 63
microlepidotus, 119
niger, 119
stellio, 214
Coronella, 260; s. 89
Austriaca, s. 93
cervina, s. 86
kotamboya, s. 90
petolaria, s. 90
pethola, s. 92
tessellata, s. 86
venustissima, s. 89
Coui, 65
Craspedocephalus, 268; s. 79
Crest-bearer, 131
Criket, Savannah, s. 100
Crocodile armed, s. 23
common, 102; s. 22
double-crested, 103 104; s. 22
double-shielded, 105
flat-headed, s. 23
helmeted, 105
Indian, s. 22
intermediate, s. 23
lozenged, 105
of St. Domingo, 194
of the Nile, 102
rhombic, s. 22
Ruppell's, s. 22
Siam, s. 22
slender-muzzled, 104
two-shielded, s. 22
West Indian, s. 22
with armed-nape, 105
Crocodiles, 98. 102. 184
Egyptian, 190
Crocodilians, 98

- Crocodylus*, ix. 111
 Amazonicus, 112; s. 29
 ocellatus, s. 29
Crocodylus, 98; s. 21, 22
 acutus, 104; s. 22
 biporcatus, 103; s. 22
 biscutatus, 105; s. 22
 cataphractus, 105; s. 23
 complanatus, 103
 Cuvieri, s. 21
 fissipes, 106
 galeatus, 105; s. 22
 Gangeticus, s. 23
 intermedius, s. 23
 lacunosus, 103
 longirostris, 200
 lucius, 106. 197; s. 21
 marginatus, 103
 octophractus, s. 22
 palpebrosus, 107. 200; s. 21
 planirostris, s. 23
 punctulatus, 106
 rhombifer, 105; s. 22
 sclerops, 105. 198; s. 21
 suchus, 103
 tenuirostris, 101. 201; s. 23
 trigonatus, 107; s. 21
 vulgaris, s. 22
Crocodylea, 120
Crotalophorus, 267; s. 78
 miliaris, s. 78
Crotalus, 266. 336; s. 78
 atricaudatus, s. 78
 cascavella, s. 78
 Catesbii, s. 78
 confluentus, s. 78
 durissus, 267. 346; s. 78
 Dryinus, s. 78
 horridus, 267. 345; s. 78
 Loeflingii, s. 78
 miliaris, 267. 348; s. 78
 mutus, 268; s. 79
 rhombifer, s. 78
 strepitans, s. 78
 tergeminus, s. 78
 triseriatus, s. 78
Cryptobranchus, 410
Ctenosaura, s. 37
 acanthura, s. 38
 armata, s. 38
 Bellii, s. 38
 cycluroïdes, s. 37
 lanceolata, s. 38
 similis, s. 38
Curuacea, s. 79
Curucu, 463
Cyclodus, s. 67
 flavivularis, s. 67
Cyclura, s. 37. 39
Cyclura carinata, ix. 134; s. 39
 nubila, s. 39
 Shawii, s. 38
 teres, s. 39
Cylindrophis, s. 75
 melanotis, s. 75
 resplendens, s. 75
Cynosaura, s. 62
 punctata, s. 62
Cyrtodactyle, beautiful, s. 51
 Brasilian, s. 52
 eyed, s. 51
 flat-tailed, s. 52
 marbled, s. 51
 Nilius's, s. 52
 piping, s. 52
Cyrtodactylus, s. 51
 ocellatus, s. 51
 pipiens, s. 52
 platura, s. 52
 pulchellus, s. 51
 Spixii, s. 52
Cyrtophanes, s. 55
 cristatus, s. 55
Cystignathus, s. 100
 mystaceus, s. 100
 pachypus, s. 100
 pygmæus, s. 100
Daboia, s. 81
Dactylethra, 396; s. 104
Dacypeltis scaber, s. 85
Delma, s. 73
Dendrophis, 259; s. 94
 ahætula, s. 93
 chaireacos, s. 94
 formosa, s. 94
 liocercus, s. 93
 maniar, s. 94
 picta, s. 94
 polychroa, s. 94
 scandens, s. 94
 tristis, s. 94
Devin, 253; s. 96
Dipsas, 259; s. 95
 bucephalus, s. 95
 carinata, s. 94
 Catesbii, s. 95
 cenchoa, s. 95
 compressus, s. 95
 cynodon, s. 95
 dendrophila, s. 95
 Drapiezii, s. 95
 Indica, 259; s. 95
 irregularis, s. 95
 multomaculata, s. 95
 nebulatus, s. 95
 Savignii, s. 95
 Schokari, s. 94

Dipsas Scholtii, ix. s. 83
 trigonatus, s. 95
Disteyre, 280
Distera doliatus, s. 98
Disteria valakadin, s. 99
Doryphorus, 120; s. 42
 long-tailed, s. 42
 short-tailed, s. 42
Dracæna, 203
Draco, s. 59
 abbreviata, s. 59
 fimbriatus, s. 59
 fuscus, 223; s. 59
 hæmatopogon, s. 59
 lineatus, 222; s. 59
 quinquefasciatus, s. 59
 Timorensis, s. 59
 viridis, s. 59
Dragon, banded, s. 59
 black-pouched, s. 59
 brown, 223
 flying, 222
 great, 112; s. 28
 lined, s. 59
 short-pouched, s. 59
 Timor, s. 59
 winged, 222
Dragonne, 111
Dragons, 98. 111. 217
Dryinus, 260; s. 93
 æneus, 260; s. 93
 auratus, s. 93
 nasutus, s. 93
 oxyrhinchus, s. 93
 rostratus, s. 93
Dryophis, 260; s. 93
 fulgidus, s. 93
 nasutus, s. 93
 panthoraria, s. 93
 pavoninus, s. 93
 prasina, s. 93
 Russellii, s. 93
 xanthozonica, s. 93
Dryophyllax Nattereri, s. 94
Duberia, 260
 arctiventris, s. 89

Echidna, 270; s. 81
 arietans, s. 81
 cærulescens, s. 97
Echis, 255. 278; s. 82
 arenicola, s. 82
 krait, s. 82
 carinata, s. 82
Ephimotes, 136
Eft, common, s. 106
 web-footed, s. 106
El adda, 156
Elaphoides fusca, s. 84

Elaps, ix. 275. 384; s. 83
 anguiformis, 276; s. 83
 bilineatus, s. 94
 bivirgata, s. 84
 Boie, s. 84
 Duberria, s. 89
 chalybea, s. 84
 coccineus, s. 84
 collaris, s. 84
 corallinus, s. 84
 flavius, s. 84
 furcatus, s. 84
 fuscus, s. 83
 ibaboca, s. 84
 lacteus, s. 83
 Latonius, s. 84
 lemniscatus, 275. 384; s. 83
 lutonia, s. 89
 melanocephalus, s. 90
 micrurus, s. 84
 octolineatus, s. 91
 plicatilis, s. 96
 Surinamensis, 276; s. 83
 triscalis, s. 90
Empereur, s. 96
Emyda, s. 19
 punctata, s. 19
Emydidae, 79
Emydosauri, s. 21
Emydosauria, 100
Emys, 11. 71; s. 6. 8
 Adansonii, 12; s. 15
 Amazonica, s. 17
 Amboinensis, s. 7
 annulifera, s. 12
 barbatula, s. 17
 Batagur, s. 9
 Bellii, s. 12
 bipunctata, s. 10
 bitentaculata, s. 17
 canaliculata, 12; s. 16
 Carolinæ, s. 7
 carunculata, 12; s. 16
 Caspia, s. 9
 castanea, s. 14
 crassicolis, s. 8
 Cayennensis, s. 17
 centrata, 12
 cinerea, 12
 concentrica, 12; s. 11
 concinna, 12
 contracta, 12
 constricta, s. 17
 couro, s. 7
 crassicolis, s. 8
 decussata, 76; s. 11
 depressa, 12
 Dhor, s. 8
 discolor, s. 16

- Emys dorsata*, ix. 12; s. 10
erythrocephala, s. 17
Europea, 71; s. 7
expansa, 12; s. 17
fusca, 12
Geoffroyana, s. 16
geographica, 75; s. 12
gibba, s. 17
guttata, s. 10
Hamiltonii, s. 9
Kinosternoides, s. 12
icterocephala, s. 17
insculpta, 12
leprosa, 12
Lesueurii, s. 12
lineata, s. 9
longicollis, 12. 76
lutaria, 12. 76
lutescens, 12
Macquarii, 12; s. 15
marmorea, s. 10
Maximiliana, s. 17
Muhlenbergii, s. 10
nasuta, 12
oculifera, s. 9
occipitalis, 75
odorata, 12; s. 13
olivacea, s. 15
ornata, 76; s. 12
Pennsylvanica, s. 13
picta, 73; s. 10
planiceps, 12
platicephala, 12
pseudogeographica, 12
pulchella, 12
punctata, 12
punctularia, s. 10
radiolata, s. 16
reticulata, 12; s. 11
rubriventris, 12
rugosa, s. 12
scabra, 12; s. 10
scripta, 12; s. 11
scorpoides, s. 13
Senegalensis, 12
serpentina, s. 14
serrata, 12. 76; s. 11
speciosa, s. 10
Spengleri, s. 8
spinosa, s. 8
stenops, s. 16
subrufa, 12
tecta, s. 9
thuryi, s. 8
tracaxa, s. 17
trifasciata, s. 7
tritentacula, 12
triporcata, s. 13
viridis, s. 16
- Emys vittata*, ix. s. 11
vulgaris, s. 9
Enaliosauri, s. 23
Euchydus piscator, s. 86
Engyrus, s. 97
Engystoma, 396. 403; s. 104
dorsatum, 403; s. 104
granosum, 403; s. 104
marmoratum, 403; s. 104
ovale, 403; s. 104
ovalis,
Surinamensis, 403
ventricosum, 403; s. 104
Enhydres, 264
Ephimotes, s. 41
Epicrates, s. 96
cenchria, s. 96
Epicrium, s. 110
Hasseltii, s. 110
Erpetodryas, s. 89
exoletus, s. 89
laevicollis, s. 89
Erpeton tentacule, 256
Erpetons, 256
Erythrolampus, s. 89
formosus, s. 89
Erix, 255; s. 98
Eryx anguiformis, s. 98
Braminus, 248; s. 76
jaculus, s. 98
Indica, s. 98
melanostictus, s. 75
Meleagris, s. 76
rufus, s. 75
Turcica, s. 98
Etrobenae, 166
Eublepharis, s. 49
Hardwickii, s. 49
Eubydris rhynchops, s. 95
Eumerodes, 165. 220
Eunectes, s. 96
lateristrigota, s. 96
murina, s. 96
Exypuestes, s. 29
- Famo-canttrata*, 149
Father of the leprosy, 148
Frog, *Argus*, s. 100
bell, 446
blue and yellow, 397
blue tree, s. 102
bull, 394. 445
common, 393. 443; s. 100
green, 392. 442; s. 100
grunting, s. 100
land, s. 103;
paradoxical, 393
shad, 445; s. 100

Frog spring, ix. s. 100

tinging, 397

tree, 396. 449

zebra, 397

Frogs, 390. 422

Galleywasp, 239

banded, s. 71

Bell's, s. 70

black-spotted, s. 69

common, s. 69

coppery, s. 70

double streaked, s. 70

doubled, s. 69

eyed, s. 68

fine-scaled, s. 71

five-lined, s. 69

four-lined, s. 71

Lacepede's, s. 69

large, s. 68

lateral, s. 70

many-scaled, s. 68

red-headed, s. 70

ribbon, s. 68

seven-striped, s. 69

thin-scaled, s. 71

two coloured, s. 70

Gariocephalus, s. 55

Gavial, common, s. 23

great, 200

little, 101. 201

of the Ganges, 101

Gavialis, s. 23

Gangeticus, s. 23

Gavials, 101. 200

Gecko, 144; s. 48

aculeatus, 146; s. 51

Ægyptiacus, 144

ascolobates, s. 50

fascicularis, 143. 146

guttata, s. 48

inunguis, 142; s. 47

Leachianus, s. 49

levis, 147. 229

lobatus, 148

Mabuia, 146; s. 51

Madagascariensis, s. 49

marginalatus, 147

rapicauda, 148

Reevesii, s. 48

squatydus, 148

spinicauda, 230

trihedrus, s. 51

verrucosus, s. 50

verruculatus, 146

vittatus, s. 49

Gecko, American, s. 48

annulaire, s. 48

Gecko annulated, ix. s. 48

à queue épineuse, 147

à tubercules trièdres, 147

banded, 144; s. 49

cepedian, 143

Chinese, s. 48

common, s. 48

fasciculated, s. 48

fringed, 149

Hardwicke's, s. 49

Horsfield's, s. 49

house, 148. 231

Leach's, s. 49

Mabuia, s. 51

Madagascar, s. 49

Peruvian, 149

porphyre, 150

sarroube, s. 50

smooth, 147. 229

spitting-banded, 150

of Surinam, 148

tuberculous, 119

wall, 143. 229

warty, s. 50

Geckos, 228. 140

Geckotians, 140

Geckotte, 119. 143

Geitje, 229

Gemmatophora, s. 59

barbata, s. 60

muricata, s. 60

Gemmatophore bearded, s. 60

muricata, s. 60

Geosaurus, 140

Gerrhonote, blue, s. 64

Burnet's, s. 64

Depp's, s. 64

imbricate, s. 64

retired, s. 64

rough-necked, s. 64

smooth-headed, s. 65

Gerrhonotus Burnettii, s. 64

cæruleus, s. 64

Deppii, s. 64

leiocephalus, s. 65

imbricatus, s. 64

rudicollis, s. 64

tæniatus, s. 64

Gerrhosaurus, s. 63

flavicularis, s. 63

Goitreux, 114

Gonocephala, 128

Gonyodactylus, s. 51

marmoratus, s. 51

Gonyosoma viride, s. 88

Gongylophis, s. 97

Guana, allied, s. 38

armed, s. 38

banded, s. 37

- Guana, Bell's, ix. s. 38
 black, s. 37
 clouded, s. 39
 common, s. 36
 cycluroid, s. 32
 keeled, s. 39
 lancet-toothed, s. 38
 rough-headed, s. 37
 round, s. 39
 smooth-necked, s. 37
 spiny-tailed, s. 38
 Gymnodactylus, 151; s. 51
 geckoïdes, 151; s. 52
 Gymnotholamus, s. 71
 quadrilineatus, s. 71
 Gyrinus, s. 108
- Hæmacates, s. 83
 Hardun, 120
 Haje, 274. 376
 Hellbender, 410
 large, s. 109
 Hemidactyle, margined, s. 51
 Hemidactylus, 146; s. 50
 granosus, s. 51
 marginatus, s. 51
 Hemiphractus Spix's, s. 101
 Herpeton, s. 99
 tentaculatus, s. 99
 Herpotodryas, s. 89
 Heterodactyle Spix's, s. 66
 Heterodactylus, s. 66
 imbricatus, 162; s. 66
 Heterodermata, 286
 Heterodon, 258; s. 85
 nasua, s. 85
 platyrhynchos, s. 85
 simus, s. 85
 noirâtre, 258
 tacheté, 258
 Hognose, 258
 Holoderma, s. 28
 horridum, s. 28
 Homalopsis, 260; s. 95
 asperus, s. 96
 carinicaudatus, s. 95
 erythrogrammicus, s. 95
 Jara, s. 96
 moluroides, s. 96
 obtusatus, 257; s. 95
 plumbea, s. 96
 rhynchops, s. 95
 Homalosoma arctiventris, s. 89
 punctatum, s. 89
 Homodermata, 286
 Horatta, 278
 Hurria, 258; s. 89
 carinata, s. 92
- Hurria bilineata, ix. s. 89
 nympha, s. 89
 pseudotrigo, s. 95
 Hyalinus, s. 65
 Hydrochthon, s. 108
 Hydras 279
 Hydraspis, 12. 76
 Adansonii, s. 15
 Cayennensis, s. 17
 depressa, s. 16
 Dumerilliana, s. 17
 expansa, s. 17
 lata, s. 17
 Macquarii, s. 15
 pachyura, s. 17
 planiceps, s. 16
 radiolata, s. 16
 rufipes, s. 16
 subrufa, s. 15
 viridis, s. 16
 Hydrophis, 279, 280. 385; s. 98
 chloris, 386
 melanurus, 386
 nigrocinctus, 386
 obscurus, 386
 Hydrus, 279. 280. 385; s. 98
 atricapillus, s. 98
 bicolor, 280
 Brugmansii, s. 98
 cærulescens, s. 98
 carinatus, s. 99
 chloris, s. 98
 cinereus, s. 95
 colubrinus, 276; s. 84
 curtus, 280; s. 99
 cyanocinctus, s. 98
 doliatus, s. 98
 fasciatus, s. 99
 gracilis, s. 98
 lævis, s. 98
 lanceolatus, s. 98
 leioplepis, s. 98
 major, 280; s. 98
 melanurus, s. 99
 nigrocinctus, s. 98
 obscurus, s. 98
 palustris, s. 86
 piscator, s. 86
 platura, s. 98
 rhynchops, s. 95
 schistosus, s. 98
 Shawii, s. 98
 spiralis, 280. 386; s. 98
 striatus, s. 98
 Hyla, 396; s. 101
 abbreviata, 398; s. 102
 affinis, 397; s. 102
 albomarginata, 397; s. 102
 arborea, s. 101

Hyla aurantiaca, ix. s. 102
 bicolor, 397; s. 101
 bifasciata, s. 102
 bilineata, 397; s. 101
 Blochii, s. 101
 boans, s. 101, 102
 breviata, s. 102
 Euffonia, 397; s. 102
 bufonoides, s. 102
 centripoda, s. 102
 cinerascens, 397; s. 102
 cyanea, 398; s. 102
 delitescens, s. 102
 erythropoda, s. 102
 femoralis, 397; s. 102
 frontalis, 397; s. 102
 Gaimardii, s. 102
 geographica, 397; s. 102
 hypochondrials, s. 102
 Indica, s. 101
 intermixta, s. 102
 lactea, s. 102
 lateralis, 397. 449; s. 102
 Leschenaultii, s. 101
 leucophyllata, s. 102
 marmorata, 397; s. 101
 oculata, 397
 ocularis, s. 102
 palmata, 397; s. 101
 papillaris, 397; s. 102
 pardalis, 397; s. 102
 Peronii, s. 101
 pulchra, s. 101
 Quoyii, s. 102
 ranæformis, s. 101
 rubeola, s. 102
 ruber, s. 102
 scelaton, s. 102
 Seychellerii, s. 101
 Seurii, s. 102
 squirella, 398; s. 102
 Surinamensis, s. 102
 tibiatrix, 450; s. 102
 tibiceus, 397
 tinctoria, 450; s. 101
 trivittata, 398; s. 102
 variegata, s. 102
 venulosa, 397; s. 101
 vermicularia, s. 101
 verrucosa, 397; s. 102
 violacepoda, s. 102
 viridifusca, s. 101
 viridis, s. 102

Hylæ, 448

Hypochton, 412

Ichthyophis, s. 110

Ichthyosaurus, 164; s. 23

Cuv. Index.

Ichthyosaurus communis, ix. s. 23

grandipes, s. 24

intermedius, s. 24

latifrons, s. 24

platydon, s. 24

tenuirostris, s. 24

Iguana, 131. 223

acanthura, s. 38

armata, s. 38

atra, s. 37

Belli, s. 38

cærulea, 225; s. 36

carinata, s. 39

cornuta, 133; s. 36

cristata, s. 37

cyclura, 133; s. 39

cycluroides, s. 37

delicatissima, 133; s. 37

emarginata, s. 36

fasciata, 225; s. 37

gutturosa, s. 56

lanceolata, s. 38

lophyroides, s. 36

nubila, s. 39

nudicollis, 133; s. 37

similis, s. 38

squamosa, s. 36

teres, s. 39

tuberculata, 131; s. 36

viridis, s. 36

Iguana, banded, 129

common American, 131. 223

horned, 133, 225

mud, s. 108

slate coloured, 432. 225

with armed-tail, 133

with armed-neck, 133

Iguane goitreux, 139

Iguanians, 117. 140. 213

Iguanodon, 140

Ilysia, 250; s. 75

rufa, s. 75

Istiurus, 130

Jacaratinga moschifer, 107

Jacaré, 199

Jurura, 68

Kalo-shouter-sun, 386

Katla tutta, s. 92

Kentropyx, s. 31

calcaratus, s. 31

intermedius, s. 31

striatus, s. 31

Keril patee, 386

Kinixys, 11. 69; s. 6

Belliana, s. 6

U

Kinixys castanea, ix. 69; s. 6
 erosa, s. 6
 homeana, s. 6
Kinosternon, 13. 77. 79; s. 13
 Amboinense, 79
 brevicaudatum, 79
 longicaudatum, 79; s. 13
 nigricans, 79
 odoratum, s. 13
 Pennsylvanicum, 79; s. 13
 scorpioides, s. 13
 Shawianus, 79; s. 13
 triporcatum, s. 13
Kinosternon musky, s. 13
 Pennsylvanian, s. 13
 three-keeled, s. 13
 three-ridged, s. 13
Koscordylos, 120

L'Atropos, 270
La Bossue, s. 101
La Brazilienne, 270
La Daboré, 270
L'Élégant, 254
La Rouge, s. 102
La Vipère élégante, 270
Lacerta, s. 31
 acanthura, s. 38
 Africana, 153; s. 53
 agilis, 116. 208. 211
 alegyra, 117; s. 35
 Amboinensis, 131
 Ameiva, 114. 205; s. 29
 anguina, 160; s. 73
 apoda, 242; s. 65
 arenicola, 116
 Argus, 116; s. 26
 arguta, s. 34
 aurita, s. 58
 azurea, s. 42
 Basiliscus, 134; s. 45
 bicarinata, 112. 204; s. 29
 bilineata, 116; s. 32
 bimaculata, 138; s. 46
 bipes, 161; s. 74
 bivittata, 110
 Bosci, s. 34
 bosquien, 116
 bullaris, 138, 139. 227
 calotes, 127; s. 55
 Capensis, 109; s. 27
 caudiverbera, 149; s. 50
 caudavolvula, s. 59
 chalcides, 159
 chameleon, 154
 cordylus, 119; s. 63
 crocodilus, 102
 cruenta, s. 34

Lacerta Cuvieri, ix. s. 35
 cyprius, 157
 dracaena, 111; s. 26
 Dugesii, s. 33
 Dumerillii, s. 33
 Edwardsiana, s. 33
 exanthematica, 111; s. 26
 facetanus, 143. 229
 fasciata, s. 43. 69
 fusca, s. 32
 Gangetica, 101
 gecko, 148. 231; s. 48
 geitje, 229
 grammica, s. 35
 guttata, 129; s. 59
 guttulata, s. 34
 gutturosa, s. 30
 Hispanicus, s. 35
 homalocephala, 145; s. 49
 hyacinthina, s. 43
 iguana, 131. 223
 Jamaicensis, s. 32
 Javanica, s. 60
 Knoxii, s. 34
 Lalandii, s. 32
 lemniscata, 114; s. 30
 lepidia, s. 32
 Leschenaultii, s. 35
 litterata, 205
 lineata, s. 71
 lobata, s. 58
 lophura, s. 60
 lumbricoides, 163; s. 66
 marmorata, 135; s. 47
 monitor, s. 27
 monodactyla, 160; s. 73
 montanus, s. 35
 muralis, s. 32
 muricata, 123; s. 60
 mystacea, s. 58
 nebulosa, 217; s. 39
 Nilotica, 109; s. 27
 occidua, 157. 239; s. 69
 ocellata, 116. 208; s. 32
 Olivieri, s. 33
 orbicularis, 124. 216
 pardalis, s. 34
 piapiens, s. 52
 platura, 151; s. 52
 plica, s. 41
 pumila, 154
 quadrilineata, s. 71
 quinquelineata, 115; s. 69
 rapicauda, 147
 rhombica, s. 32
 rubropunctata, s. 34
 salamandra, 406; s. 105
 sanguinolenta, s. 58
 Savignii, s. 33

Lacerta Schreibersiana, ix. s. 32
scincoides, 158; s. 67
scincus, 110. 156
scutata, 128; s. 54
scutellata, s. 33
sepium, 116
seps, 162; s. 63
sericea, 116
serpens, 159; s. 72
sputator, 230; s. 52
stellio, 120. 214; s. 57
stirpium, 210
strenuosa, 139
striata, s. 31
strumosa, s. 46
superciliosa, 134
tæniolata, s. 68
Teguixin, 113; s. 29
terrestris, 116
tetradactyla, 162; s. 65
Teyou, s. 31
tiliguerta, 211
tuberculata, 224
Turcica, s. 50
Uralensis, 129; s. 59
varia, 110; s. 25
variabilis, s. 34
velox, 116; s. 34
viridis, 116. 209; s. 32
viridula, 211
vittata, 144
vivipara, s. 32
Lacertians, 107. 201
Lachesis, s. 79
mutus, s. 79
rhombeata, 269; s. 79
Lagarto, 105
Langaha, 278
Le geleote, s. 56
Lecolepis, s. 62
guttatolineatus, s. 62
guttatus, s. 62
maculatus, s. 62
Leiocephalus, s. 42
carinatus, s. 42
Leiocephalus, keeled, s. 42
Leirolepis, 125
guttatus, 125
Leiodeloma obscura, s. 98
Lepidosoma, s. 71
Leposoma, 126
Leposternons, 247
Leposternon, s. 67
microcephalus, 247; s. 67
oxyrhynchus, s. 67
Leposternon dotted, s. 67
sharp-nosed, s. 67
Leptophis, s. 93
mancas, s. 94

Leyoselasma, ix. 280
Liophis, s. 89
Fosteri, s. 90
miliaris, s. 90
pæcilogyrus, s. 89
reginæ, s. 90
Lizard, Bosc's, s. 34
Cape, s. 32
clouded, s. 39
common toad, s. 45
Douglas' toad, s. 44
Duges', s. 33
Dumeril's, s. 33
Edwards', s. 33
eyed, s. 32
frilled, s. 60
gentil, 116
of Gibraltar, 210
grammic, s. 35
great green, 116. 208
green, s. 32
horned toad, s. 45
of Jamaica, 201
Indian, s. 35
Knox's, s. 34
mountain, s. 35
nimble, 211
Olivier's, s. 33
orbicular, s. 45
orbicular-toad, s. 45
of the Pandang, 144
panther, s. 34
red-spotted, s. 34
Savigny's, s. 33
scaly, 211
Schreibers', s. 32
scutated, s. 54
serpent, 160
shielded, s. 33
Spanish, s. 35
spotted, s. 34
spotted green, 209
striped, 115
Ural toad, s. 59
variable, s. 34
wall, s. 32
Lizardet, 112. 204
Lizards, 5. 98. 115. 206
Lophura, 130; s. 60
Amboinensis, s. 60
concinna, s. 61
Cuvieri, s. 60
Lesueuri, s. 60
Lophura, beautiful, s. 61
Lophyrus, 127
agamoides, 217; s. 41
albomaxillaris, 127; s. 40
auronitens, 127
gigas, s. 55
 U 2

- Lophyrus Kuhlii, ix. s. 55
 Margaritaceus, 127; s. 40
 ochrocollaris, 127; s. 40
 panthera, 127; s. 40
 rhombifer, 127; s. 40
 xiphurus, 134; s. 40
 Lophyrus with forked-casque, 128
 Loricata, 100. 164
 Luchensis, 269
 Lycodon, s. 91
 aulicus, s. 92
 capucinus, s. 92
 fuliginosus, s. 92
 Galathea, s. 92
 Hebe, s. 92
 leucocephalus, s. 92
 macrorhinus, s. 92
 malignus, s. 92
 pethola, s. 92
 Russellii, s. 92
 subcinctus, s. 92
 unicolor, s. 92
 Lygosoma, 159; s. 71
 aurata, s. 72
 punctata, s. 71
 scincoïdes, s. 72
 serpens, s. 72
 Lygosoma, dotted, s. 71
 golden, s. 72
 short-footed, s. 71
 Lyriocephala, 128; s. 54
 Margaritaceus, 128

 Maboina, 156. 158
 Mabouia, 239
 des Bananiers, 147
 des Murailles, 146
 Mabuia, 150
 Macrosoma elegans, s. 93
 Malpolon, 260
 Marble, common, s. 47
 Mastigura, s. 61
 Matamata, 17
 Brazilian, s. 17
 Megæra, s. 79
 Megalophrys montana, s. 101
 Megalosaurus, 140
 Menobranchus, 412; s. 108
 Lacepedii, s. 108
 lateralis, 412; s. 108
 Menobranchus Lacépède's, s. 108
 Say's, s. 108
 Menopoma, 410. 475
 Alleghaniensis, s. 109
 Metaxa, s. 87
 Microps unicolor, s. 104
 Micruri, 276
 Micrurus Spixi, s. 84

 Mokeson, ix. 258
 Molge, s. 106
 gigantea, s. 109
 glutinosa, s. 106
 tridactylus, s. 105
 Monitor, s. 25
 albogularis, 109; s. 28
 Bengalensis, 111; s. 26
 bivittatus, s. 25
 chlorostigma, s. 26
 crocodilurus, 112. 203
 exanthematica, s. 26
 flavescens, s. 25
 heraldicus, s. 27
 marmoratus, 111
 nebulosus, s. 27
 nigricans, 111
 Niloticus, s. 27
 ocellatus, s. 25
 ornatus, 109; s. 27
 pulcher, 202; s. 27
 scincus, s. 27
 Timorensis, s. 26
 varius, s. 25
 viridis, s. 26
 Monitor, brown spotted, s. 26
 clouded, s. 27
 of Congo, 202
 double-banded, 110
 of Egypt, 110
 elegant, s. 26
 eyed, s. 25
 green, s. 26
 green spotted, s. 26
 heraldic, s. 27
 laced, s. 25
 land, 202
 of the Nile, 109. 202; s. 27
 ornamented, s. 27
 Timor, s. 26
 two-banded, s. 25
 varied, s. 27
 yellowish, s. 25
 Monitors, 108. 201
 Monodactyle, Anguine, s. 73
 Monodactylus, s. 73
 Monoxillo, horrid, s. 28
 Mosasaurus, 140
 Muræna, s. 108
 Mutabilia, s. 99

 Naia, 273; s. 82
 hæmachates, s. 83
 haje, s. 83
 latratus, s. 83
 nivea, s. 83
 rhombeata, s. 83
 spectatrix, s. 83

Naia tricuspidans, ix. s. 83
 tripudians, 274
Natrix *ahætula*, s. 93
 alamensis, s. 90
 aspera, s. 96
 aulica, s. 92
 bicarinatus, s. 89
 bivittatus, s. 86
 cherscoïdes, s. 86
 chiametla, s. 90
 cinnamomea, s. 89
 exoleta, s. 89
 Forsteri, s. 90
 lappiata, s. 92
 occipitalis, s. 90
 ocellata, s. 86
 punctatissima, s. 94
 sculptura, s. 86
 scurrula, s. 87
 semilinea, s. 90
Necturus, s. 108

Oligodonon, 260
Oligodon, s. 88
 atriventus, s. 88
 bitorquatus, s. 88
 punctatus, s. 89
Ophidia, 5
Ophidians, 5. 241
Ophidii, s. 78
Ophiodes Gronovii, s. 73
Ophiorhyza mungos, 274
Ophiosauri, s. 62
Ophiosaurus, 243
Ophiosaurus, s. 65
 punctatus, 243; s. 65
 striatulus, 243; s. 65
 ventralis, 243; s. 65
Ophis, 273; s. 83. 88
 Merremii, s. 83
 subcinctus, s. 92
Ophoïdes, s. 73
Ophrias, 277; s. 82
 acanthopis, s. 82
Ophryessa, 134; s. 39
Ophyessa, s. 39
 azurea, s. 42
 Braziliensis, s. 40
 brevicaudatus, s. 42
 Margaritaceus, s. 40
 picta, s. 40
 plica, s. 41
 rhombifer, s. 40
 superciliosa, s. 40
Ophyessa Brazilian, s. 40
 lozenge, s. 40
 painted, s. 40
 pearly, s. 40
 sword-tailed, s. 40

Ophyessa umber, ix. s. 41
Oplocephali, 277
 Cuvieri, s. 84
Oplurus, 136; s. 41
 torquatus, 137; s. 41
Otilopha, s. 103
 ocellata, s. 104
 typhonia, s. 103
Otilophes, 403
Ouaran, 109. 202
 el hard, 110
Oular caron, 264
 limpé, 281
Ouran grey, s. 27
 white-throated, s. 28
Oxybelis, s. 93
 æneus, s. 93
Oxyrhopus annulatus, s. 90
 pethola, s. 91
Oxyrhynchus, 402; s. 103

Padani cootoo, s. 97
Paludicola albifrons, s. 104
Pareas, s. 94
Passericki, s. 93
Passerita, 260; s. 93
Pedda-poda, 257; s. 97
Pelamides, 279. 280
Pelamis, s. 98
 bicolor, s. 98
 carinatus, s. 99
 curtus, s. 99
 fasciatus, s. 99
 gracilis, s. 98
 Lindsayi, s. 99
 melanurus, s. 99
 ornatus, s. 98
 Rupelii, s. 99
 Valakadin, s. 99
Pelias, 272; s. 82
 berus, 272; s. 82
 chersea, s. 82
 niger, s. 79. 81
Pelobates fuscus, s. 103
Pareas carinata, s. 94
Periops hippocrepis, s. 87
Phanerobranchus, s. 108
Phelsuma, 143; s. 47
Philodryas Olfersii, s. 87
Phrynocephale eared, s. 58
 eyed, s. 59
 Pallas's, s. 59
Phrynocephalus, 129; s. 58
 auritus, s. 58
 caudevulvula, s. 59
 ocellatus, s. 59
 Uralensis, s. 59
Phrynosoma, s. 44

- Phrynosoma Buffonum*, ix. s. 45
 cornuta, s. 45
 Douglassii, s. 44
 orbiculare, s. 45
Phyllodactylus, s. 50
 marmoratus, s. 49
 pulchellus, s. 50
Phyllomedusa, s. 101
Phyllhydrus, s. 108
 pisciformis, s. 108
Phyllurus, 151; s. 52
 Cuvieri, s. 52
 Nilii, s. 52
Physaliamis Cuvieri, s. 104
Physignathus, 130
 Cocin Cinus, 130
 concinus, s. 61
 iguanoides, s. 61
Pipa, 403, 463; s. 105
 Bufonia, 396; s. 104
 curururu, 404; s. 105
 lævis, 396; s. 104
Pipa, common, s. 105
 of Surinam, 463
Plica, s. 40
Platuri, 276
Platurus, s. 84
 fasciatus, s. 84
 laticaudatus, s. 84
 semifasciatus, s. 84
Platydictyle cepedian, s. 47
 clawless, s. 47
 eyed, s. 47
 ornamented, s. 48
Platydictylus, 142; s. 47
 Ægyptiacus, s. 48
 Americanus, s. 48
 cepedianus, s. 47
 fascicularis, s. 48
 ocellatus, s. 47
 ornatus, s. 48
Pleurodeles, s. 106
Plesiosaurus, 164; s. 24
 auxois, s. 24
 carinatus, s. 24
 dolichodeirus, s. 24
 pentagonus, s. 24
 recentior, s. 24
 trigonus, s. 24
Polychrus, 135, 227; s. 47
 acutirostris, 136; s. 47
 fasciatus, s. 47
 of Guiana, 135
 marmoratus, s. 47
 strigiventer, s. 47
 virescens, s. 47
Porte anneau, 254
Pneustes, 129
Pneustoides, 129
Proteus, ix. 412, 475; s. 107
 anguinus, 412, 476; s. 108
 tetradactylus, s. 108
 tritonius, 408
Proteus, common, s. 108
 of the lakes, s. 108
Protonopsis, 410
 horrida, s. 109
Psammodromus, s. 35
 Hispanicus, s. 35
Psammosaurus, 110; s. 27
 albugularis, s. 28
 scincus, s. 27
Psammophis, 260;
Psamnophis, s. 93
 bicolor, s. 94
 Girondicus, s. 93
 lacertina, s. 94
 pulverulenta, s. 94
 rhombeata, s. 94
 schokari, s. 94
Pseudo Ameiva, 115
 striata, s. 31
Pseudo-Boa, 255, 279, 385
 carinata, 278
 coronata, s. 92
 krait, 278; s. 82
Pseudobranchius, 414; s. 109
 striatus, s. 109
Pseudocelaps, 260
Pseudopus, 242; s. 65
 Olfersii, s. 73
 Pallasii, 242; s. 65
 serpentinus, s. 65
Pseudopus, Durville's, s. 65
Pteropleura, s. 49
 Horsfieldii, 145; s. 49
Ptychozoon, 145; s. 49
Ptygopleura, s. 62
Ptyodactylus, 148; s. 50
 guttatus, s. 50
Pygodactylus, 161; s. 74
 Gronovii, s. 73
Pygopus, 160; s. 73
 cariococca, 161; s. 73
 lepidopus, s. 73
 striatus, 161; s. 73
Python, 330; s. 97
 amethystinus, 330; s. 97
 bivittatus, s. 97
 bora, 330
 Javanicus, s. 97
 Peronii, s. 97
 poda, s. 97
 punctatus, s. 97
 rhynchops, s. 95
 Schneideri, s. 97
 tigris, s. 97
Python amethyste, 257

Python tigre, ix. 257

Pythons, 256

Pyxis, 11. 69; s. 6

aranoides, s. 6

Quetzpalco, 121. 136

Rainette bleu, 398

à tapiner, s. 101

Rana 390. 422; s. 99

arborea, 396. 449; s. 101. 102

Austrasi, s. 102

bilineata, s. 102

boans, s. 101

bombina, 399. 461; s. 103. 104

bufo, 398. 460; s. 102

bufo calamita, 399

Bufonia, s. 104

cærulea, s. 102

Catesbiana, s. 100

clamitans, 394. 445; s. 100

coriacea, 395; s. 100

cornuta, 395

cultripes, s. 100

cutricularis, s. 100

cyanophlyctis, s. 100

Daudini, s. 100

dorsalis, s. 100

dubia, s. 103

esculenta, 392. 442; s. 100

fætidissima, s. 103

fasciata, s. 104

flaviventris, s. 100

fontinalis, s. 100

gibbosa, s. 101

gigas, 395; s. 100

grunniens, 446; s. 100

gryllus, s. 100

halecina, 394. 447; s. 100

hypscaphelia, s. 100

labyrinthica, 395; s. 100

lactea, s. 102

maculata, 395; s. 100

margaritifera, 403; s. 104

marina, 401; s. 103

maxima, 397; s. 100. 101

megastoma, 395; s. 101

melanota, s. 100

mephitica, s. 103

meriana, s. 101

miliaris, 395; s. 100

mugiens, s. 100

musica, s. 103

mystacea, 395; s. 100

nigrita, s. 100

obstetricans, s. 103

ocellata, 394. 447; s. 100

Rana ovalis, ix. s. 104

pachypus, 395; s. 100

palmipes, 394; s. 100

palustris, s. 100

paradoxa, 393. 447; s. 100

pardalis, s. 100

pentadactyla, s. 100

pipa, 404; s. 105

pipiens, 394. 445; s. 100

plicata, s. 100

protentosa, s. 103

pumilla, s. 100

punctata, 395. 444; s. 100

pygmæa, 395; s. 100

ridibunda, 462; s. 100

rubella, 395; s. 100

scapularis, s. 100

scutata, 395; s. 101

sibilatrix, 395; s. 100

sitibunda, s. 103

sonans, s. 100

squamigera, s. 101

Surinamensis, s. 104

sylvatica, s. 100

systema, s. 104

temporaria, 393. 443; s. 100

tigrina, 394; s. 100

tinctoria, 397; s. 101

typhonia, 395; s. 100. 103

variabilis, 400; s. 103

variegata, s. 104

venulosa, s. 101

vespertina, s. 100

Virginica, 394. 395; s. 100

viridis, s. 103

zebra, s. 101

Rattlesnake, 266

banded, 345

miliary, 348

striped, 348

Reptilia, 1

Rhinella, s. 103

acutirostris, s. 103

granulosus, s. 103

nasicus, s. 103

proboscideus, s. 103

semilineata, s. 103

Rhinophis, s. 77

Rhinopirus, 256

Rhinostoma nasua, s. 85

proboscideum, s. 85. 94

Rondas tataloopam, 248

Safeguard, great American, 113. 204

variegated, s. 29

Safeguards, 112. 204

Saiphos, s. 72

equalis, s. 72

Saiphos, lacertine, ix. s. 72

Sal à trois doigts, 406

Salamander, 464

Alpine, s. 105

ashy, s. 106

banded, s. 106

Beechey's, s. 107

black, s. 105. 107

brown, s. 107

brownish, s. 107

common, 406. 465; s. 105

crested, 408

cylindrical, s. 107

dorsal, s. 107

great, 410

Green's, s. 107

glutinous, s. 106

long-tailed, s. 107

marbled, 408; s. 105

painted, s. 107

palmipedes, 409

punctated, 409; s. 107

red, s. 107

red-backed, s. 106

Spanish, s. 106

spotted, s. 107

tigrine, s. 107

two lined, s. 107

variolated, s. 107

violet, s. 106

white-faced, s. 107

with spotted-sides, 408

yellow, s. 107

Salamanders, 404

aquatic, 407. 473

land, 405

Salamandra, 404, 405; s. 105

Alleghaniensis, s. 108. 109

Alpestris, 408; s. 106

atra, 406; s. 105

Beechii, s. 107

bilineata, 407; s. 107

cinerea, s. 106

cristata, 408

cylindrica, s. 107

dorsalis, s. 107

erythronota, 407; s. 106

fasciata, 407; s. 106

fenestrata, s. 106

flavissima, s. 107

frontalis, s. 107

fusca, s. 105. 107

gigantea, 410; s. 109

glutinosa, s. 106

Greenii, s. 107

horrida, s. 109

Japonica, 407; s. 106

longicaudata, s. 107

maculata, s. 107

Salamandra maculosa, ix. s. 105

major, s. 106

marmorata, 408. 474; s. 105

nigra, s. 107

palmata, 409; s. 106

palustris, s. 105

perspicillata, 406

picta, s. 107

platydactyla, s. 107

punctata, 409; s. 106. 107

rubra, 407; s. 107

rubriventris, s. 107

savi, 406

sinciput alba, s. 107

subfusca, s. 107

subviolacea, 407; s. 106

symmetrica, 409; s. 107

tigrina, 407; s. 107

variegata, s. 107

variolata, 407; s. 107

venenosa, 407; s. 106

vulgaris, s. 105

Salamandrina, s. 105

perspicillata, s. 105

tridactyla, s. 105

Salem maculosa, 406

Sarruba, 149

Sauri, s. 24

Sauria, 5. 97

Saurians, 5

Saurocephalus, s. 24

lanciformis, s. 24

leanus, s. 24

Saurodon, s. 24

Saurophis, 162; s. 65

Lacepedii, s. 65

New Holland, s. 65

Scargus Valeno, s. 106

Scinc, shop, s. 67

à fleurs noirs, 158

Scincoidians, 155

Scincus, 155; s. 67

bicolor, 157

bistriatus, 158

brachypus, s. 71

crotophomelas, 158

cyanurus, s. 71

cyprinus, 157

decemlineatus, s. 68

erythrocephalus, 157; s. 70

fossar, s. 69

lateralis, s. 70

lineatus, s. 68

Mabouya, s. 69

multicarinatus, s. 68

multiseriatus, 157

nigrofasciatus, s. 68

nigroluteus, 158; s. 68

ocellatus, 158

Scincus octolineatus, ix. s. 68
 officinalis, 156, 237; s. 67
 pachyurus, s. 67
 rufescens, 157; s. 68
 sepiformis, s. 63
 tiliguyus, s. 69
 tiliqua, 239
 trivittatus, 157; s. 68
 tuberculatus, s. 67
 unicolor, s. 70
 undecim striatus, s. 68
 variegatus, 158; s. 68
 vittatus, s. 69
Scelophorus, s. 42; s. 43
 æneus, s. 44
 grammicus, s. 43
 pleurostictus, s. 43
 scalaris, s. 44
 spinosus, s. 43
Scheltopusik, 242
 Pallas's, s. 65
Scytale, 255, 278; s. 82. s. 92
 bizonata, 278; s. 82
 brachyorrhis, s. 92
 catenata, s. 79
 coronata, 255; s. 92
 krait, 278; s. 82
 niger, s. 81
Semiphora, s. 57
Senembi, 132
Sepedon, 273; s. 83
 hæmachates, s. 83
 Merremii, s. 83
 porphyraceus, s. 83
 rhombeata, s. 83
Seps, 158; s. 72
 equalis, s. 72
 fragilis, s. 73
 Peronii, 159; s. 72
 ruber, 211
 scincoides, 159
 sexlineata, 161; s. 74
 striata, s. 72
 tridactylus, 240
 varians, 210
 zyginis, s. 72
Seps, common, s. 72
 four-toed, s. 72
 Gronovien, 161
 monodactyle, 161
 Peron's, s. 72
 striated, s. 72
Serpent, *Asculapian*, 263
 of Congo, 475
 spectacled, 274
 venomous, s. 78
 yellow, 268, 349
Serpents, 5, 241, 307. s. 78.
 naked, 281

Cuv. Index.

Serpents, queen of, ix. 345
 true, 245
Sheathclaw, beautiful, s. 50
 Egyptian, s. 50
 fimbriated, s. 50
 porphyry, s. 50
 smooth, s. 50
Shoutur sun, 386
Sibons, 260
Siguana, s. 74
 Otonis, s. 74
Siphonops, s. 110
Siredon, s. 108
 axolotl, s. 108
Siren, 413, 478; s. 108
 anguina, 412, 476; s. 108.
 intermedia, 414; s. 108.
 lacertina, 414, 478; s. 108
 pisciformis, 411; s. 108
 striata, 414; s. 109
Siren, common, s. 108
 four-footed, s. 109
 intermediate, 414; s. 108
 lacertine, 414
 striated, s. 109
 striped, 414
Sitana, s. 57
 Pondicherry, s. 57
Skink, common, 237
Skinks, 155, 237
Slow-worm, common, 306
Snake, black, 335
 black coral, s. 75
 black eared coral, s. 75
 blind pintado, s. 76
 Cape pintado, s. 76
 common, 333
 common Congo, s. 109
 common coral, s. 75
 common glass, s. 65
 common rattle, s. 78
 dotted coral, s. 75
 French, 334
 Indian coral, s. 75
 Javan, 330
 lozenge spotted rattle, s. 78
 miliar rattle, s. 78
 netted pintado, s. 76
 rattle, 336; s. 78
 ribbon, s. 86
 scytale coral, s. 75
 spectacled, 376
 spotted coral, s. 75
 three-toed Congo, s. 109
 wampum, s. 86
Snakes, 242; 243
 sea, s. 98
 water, s. 98
Sourancou, 268

- Spænops capistrata*, ix. s. 71
Sphæriodactylus, 150; s. 52
 sputator, s. 52
Sphargis, 16; s. 20
Sphæriodactyle, banded, s. 52
Squamata, s. 24
Stellio, 118. 140. 143. 213; s. 57
 argyropus, s. 51
 azureus, 120
 brevicaudatus, 120
 fimbriatus, 149
 Hasselquistii, 141
 Mauritanicus, 147
 niger, s. 62
 perfoliatus, 147
 phyllurus, 151
 platyrus, 147; s. 51
 spinipes, 121. 215; s. 61
 vulgaris, 214; s. 57
Stellio, common, s. 57
 gecko, 144
 of the Levant, 120. 214
Stelliones, common, 119
 bâtards, 121
Stenosauros, 102
Stenodactylus, 151; s. 49. 51
 guttatus, 151; s. 49
 pipiens, s. 52
Stenostoma, 247; s. 76
 albifrons, s. 77
Stercus lacerti, 120
Sternotherina, 79
Sternotherus, 78. 80; s. 14
 Boscii, 80
 castaneus, s. 14
 Leachianus, 79, 80
 odoratus, 80; s. 13
 trifasciatus, 80; s. 7
Stombus, 395; s. 104

Tachydermum horridum, s. 28
Tachydrome, Chinese, s. 36
Tachydromus, 117; s. 36
 quadrilineata, s. 36
 sexlineata, s. 36
Tadpole, 415, 416
Talectée, 200
Tapayaxin, 217
Tapayes, 216
Tar tutta, s. 92
Taraguira, 114
Tarente, 143
Tarentola, 143; s. 48
Tarentole, 119
Tayapaxin, 124
Tecoixin, s. 43
Tedo, 463

Teguixin, ix. s. 29
 monitor, s. 29
 Teius, 111; s. 28
 ameiva, 114
 bicarinata, s. 29
 cæruleocephalus, s. 30
 calcaratus, s. 31
 collaris, s. 31
 crocodilus, s. 28
 cyaneus, 114
 cyanomelas, 114; s. 30
 intermedius, s. 31
 lateristriga, s. 30
 lemniscatus, s. 30
 litteratus, s. 29
 monitor, s. 29
 ocellifer, 114; s. 29
 striatus, s. 31
 tessellatus, s. 30
 tritæniatus, 114; s. 30
 viridis, s. 31
 vulgaris, s. 29
Temapara, 113
Terrapene, 13. 69. 77. 80
 bicolor, s. 7
 Carolinæ, 80; s. 7
 clausa, 77
 Europæa, 80
 guttata, s. 7
 nebulosa, s. 7
 triporcata, s. 13
Terrapin, American box, s. 7
 banded, s. 11
 batagur, s. 9
 Bell's, s. 12
 Caspian, s. 9
 common, s. 9
 concentric, s. 11
 dhori, s. 8
 dotted, s. 10
 eastern box, s. 7
 European box, s. 7
 eye bearing, s. 9
 furrowed, s. 11
 Hamilton's, s. 9
 Lake Erie, s. 12
 lettered, s. 11
 lineated, s. 9
 marbled, s. 10
 Muhlenberg's, s. 10
 ornamented, s. 12
 painted, s. 10
 reticulated, s. 11
 ring-bearing, s. 12
 rough, s. 10
 rugose, s. 12
 serrated, s. 11
 Thury's, s. 8
 specious, s. 10

Terrapin, Spengler's, ix. s. 8
 spinous, s. 8
 spotted, s. 10
 tented, s. 9
 thick-necked, s. 8
 three banded box, s. 7
 white spotted, s. 12

Terrentola, 143

Testudinata, s. 2

Testudo, 8. 9; s. 2

actinodes, 68; s. 4
 Amboinensis, s. 7
 angulata, 10; s. 5
 aranoïdes, s. 6
 areolata, 10. 67; s. 5
 armata, s. 4
 atra, s. 20
 Belliana, s. 6
 Bellii, s. 5
 biguttata, 10
 bipunctata, s. 4
 Boscii, s. 13
 brevicaudata, s. 7
 Brongniartii, 9; s. 18
 Cafra, 10; s. 5
 cagado, 10; s. 3
 calcarata, s. 4

Testudo, Californica, s. 3

campanulata, s. 4
 carbonaria, 10; s. 3
 caretta, 16. 92; s. 20
 carinatus, s. 18
 Carolina, 10; s. 3. 5. 7
 Caspia, s. 9
 centrata, s. 11
 ceppediana, s. 20
 clausa, 13; s. 7
 coriacea, 17. 93; s. 20
 coui, s. 4
 denticulata, 10; s. 3. 6.
 depressa, 10; s. 3. 16
 Dussumierii, s. 3
 elegans, s. 4
 elephantopus, s. 3
 erosa, s. 6
 Europæa, 11
 ferox, 19. 96.
 fimbriata, 17. 95
 flava, 71; s. 7
 galeata, s. 15
 geometrica, 10. 64. s. 5
 gigantea, s. 3
 glutinosa, s. 13
 Graji, s. 4
 granosa, 19
 Græca, 9; s. 4. 5
 Hercules, 10; s. 3
 Hermannii, s. 5

Testudo, Homeana, ix. s. 6

imbricata, 15. 89; s. 21
 Indica, 10. 63; s. 3. 15
 irregulata, s. 7
 Japonica, s. 20
 juvenella, s. 5
 Leveriana, s. 7
 longicollis, s. 15
 lutaria, 71; s. 7. 9
 luteola, s. 5
 marginata, 10; s. 4
 martinella, s. 16
 matamata, s. 17
 Meleagris, s. 7
 miniata, s. 5
 multiscutata, s. 20
 Mydas, 15. 57. 81; s. 20
 nasicornis, s. 20
 nigra, 10; s. 3
 nigricans, s. 15
 odorata, s. 13.
 orbicularis, 11. 71; s. 7
 palustris, s. 11
 pardalis, 68; s. 4
 Pennsylvanica, 13; s. 13
 picta, 12
 planiceps, s. 16
 platycephala, s. 16
 Polyphemus, s. 3
 pulchella, s. 7
 punctata, s. 7. 10
 pusilla, s. 5
 radiata, 10. 65; s. 4
 Rascht, s. 19
 reticulata, s. 11
 retusa, s. 3
 Retzii, s. 13
 rugosa, s. 12
 scabra, s. 15
 Schweigeri, s. 3
 scorpoides, s. 13
 sculpta, 10; s. 3
 Senegalensis, s. 15
 serpentina, 13; s. 14
 serrata, s. 8. 11. 14
 signata, 10; s. 5
 Spengleri, s. 8
 stellata, 10; s. 4
 subnigra, 13; s. 14. 15
 subrufa, s. 13. 15
 sulcata, s. 4
 tabulata, 10. 65; s. 3
 teutoria, 68; s. 5.
 tricarinata, 13; s. 8. 13
 triunguis, 18. 95; s. 18
 truncata, s. 3
 viridis, 15
 zolhafa, s. 5

- Tête plate, ix. 149
 rouge, 115
 Tetradactylus, 162; s. 65
 Chalcidices, s. 65
 Decresiensis, 159
 Tetraonyx, s. 19
 Cuvieri, s. 19
 Teuhtlacot zauhqui, 345
 Teguguazu, 113
 Thammodactylus punctissimus, s. 94
 Thecadactylus, 147; s. 49, 50
 fimbriatus, s. 50
 lævis, s. 50
 lobatus, s. 50
 poli, 146; s. 51
 porphyreus, s. 50
 Theleosaurus, 102
 Tiliguerta, 116, 211
 Tiliqua, 157; s. 67
 ænea, s. 70
 Bellii, s. 70
 bicolor, s. 70
 bistriata, s. 69, 70
 Capensis, s. 68
 carinatus, s. 68
 crotaphomelas, s. 68
 Cyprinas, s. 68
 erythrocephala, s. 70
 fasciatus, s. 71
 homolocephala, s. 69
 lateralis, s. 70
 microlepis, s. 71
 multiscutata, s. 68
 nigrolutea, s. 68
 nigropunctata, s. 69
 occidua, s. 69
 ocellata, s. 68
 quinque lineata, s. 69
 Sloanii, s. 70
 tæniolata, s. 68
 tenuis, s. 70
 trivittata, s. 68
 Whitii, s. 67
 Tiliqua, black and yellow, s. 68
 Cape, s. 68
 Indian, s. 68
 New Holland, s. 67, 68
 three streaked, s. 68
 Tisiphone, 263; s. 79
 cupæa, s. 79
 Shausii, s. 79
 Catesbii, s. 79
 Toad, brick coloured, s. 103
 brown, 399, 461
 common, 399, 460; s. 102
 marine, 401
 obstetric, 400
 pearled, 403
 reed, 399
 Toad, variable, ix. 400
 yellow bellied, 402
 Toads, 398, 451
 Tomacolin, 210
 Torquatrix, 250; s. 75
 Tortoise, 8
 alligator, 80
 angular, s. 5
 areolated, 67; s. 5
 Bell's, s. 6
 bell-shaped, s. 4
 box, 13, 77
 box, of Amboina, 13
 cinereous, 75.
 common, 9
 European fresh-water, 71
 fierce, 19, 96
 fimbriated, 17
 geometrical, 10, 64; s. 5
 Gopher, s. 3
 Greek, 57; s. 5
 Hercules, s. 3
 Hicatée, 67
 Home's, s. 6
 Indian, 10, 63; s. 3
 Lake Erie, 75
 leopard, s. 4
 long necked, 76
 marked, s. 5
 mud, 76; s. 9
 painted, 12, 73
 radiated, 10, 65; s. 4
 radiated box, s. 6
 Schweiger, s. 3
 serrated alligator, s. 14
 snake, 13
 soft, 18, 95
 soft of the Nile, 18
 speckled, 11, 71
 starred, s. 4
 sulcated, s. 4
 tabular, 65; s. 3
 terrestrial, 57
 worn, s. 6
 Tortoises, 4; s. 2
 fresh-water, 11, 71
 land, 9
 sea, 14
 Tortrix, 250; s. 74
 corallinus, 327
 latta, 251; s. 75
 punctata, 251; s. 75
 rufa, 251; s. 75
 Russellii, 248; s. 76
 Trachydosaurus, s. 67
 rugosa, s. 67
 Tragops nasutus, s. 93
 Trapelus, 125; s. 57
 Ægyptius, 125; s. 58

- Trapelus mutabilis*, ix. s. 58
 hispidus, s. 57
 Savignii, s. 58
 subhispidus, s. 57
Trapelus, of Egypt, 125
Tridactylus Decresiensis, 159; s. 72
Trigonocephalus, 267. 349; s. 79. 80
 Blomhoffi, s. 80
 Boei, s. 80
 cacodæmon, s. 80
 halys, s. 80
 hypnale, s. 80
 lanceolatus, 268. 349
 Megara, 349
 orophyas, s. 80
 rhodostoma, s. 80
Trigonocephalus, lozenged, 269
 yellow, 268
Trimeresure petite tête, 277
Trimeresuri, 277
Trimesurus, s. 84
 leptocephalus, s. 84
 viridis, s. 80
Trionyx, 18. 95; s. 18
 Ægyptiacus, 18. 95; s. 18
 carinatus, 18
 Coromandelicus, s. 19
 Cuvieri, s. 19
 Euphraticus, 19; s. 19
 ferox, s. 18
 Gangeticus, s. 18
 Georgicus, s. 18
 granosus, 19
 Indicus, s. 18
 Javanicus, 19; s. 19
 muticus, s. 18
 punctatus, s. 19
 spiniferus, s. 18
 stellatus, 19
 subplanus, s. 19
Trionyx, armless, s. 18
 Egyptian, s. 18
 Euphratic, s. 19
 fierce, s. 18
 flat, s. 19
 Hurum, s. 18
 Indian, s. 18
 Javan, s. 19
 punctuated, s. 19
Triton, 407
 Alleghaniensis, s. 109
 Gesneri, 408; s. 105
 lateralis, 412; s. 108
Tropidolepis, 125; s. 42
 aculeatus, s. 43
 æneus, s. 44
 fasciatus, s. 44
 grammicus, s. 43
 pleurostictus, s. 43
Tropidolepis scalaris, ix. s. 44
 spinosus, s. 43
 torquatus, s. 43
 undulatus, s. 43
Tropidolepis, æneous, s. 44
 banded, s. 44
 Bell's, s. 44
 collared, s. 43
 green, s. 43
 northern, s. 43
 side streaked, s. 43
 spinous, s. 43
 thorny, s. 43
Tropidolæmus, s. 79
 Wagleri, s. 80
Tropidonotus, s. 85
 æstirus, s. 86
 chrysargus, s. 85
 cynocephalus, s. 86
 dimidiatus, s. 86
 dorsa, s. 86
 hypostictus, s. 86
 lacrymans, s. 86
 lugubris, s. 86
 melanozostus, s. 85
 mortuarius, s. 86
 natrix, s. 85
 Nattereri, s. 86
 ordinatus, s. 86
 pœcilostoma, s. 86
 parietalis, s. 86
 piscator, s. 86
 porcatus, s. 86
 proximus, s. 86
 rhodomelas, s. 86
 spilogaster, s. 86
 subminiatus, s. 85
 tessellatus, s. 86
 trigrinus, s. 86
 trianguliferus, s. 86
 vibikari, s. 86
 vittatus, s. 86
Tropidurus, s. 41
 Cuvieri, s. 41
 cyclurus, s. 42
 semitæniatus, s. 41
 torquatus, 136; s. 41
 tuberculata, s. 41
Tropidurus, collared, s. 41
 cycluroid, s. 42
 half-banded, s. 41
 tubercular, s. 41
Tropidosaurus, 126; s. 35
 montanus, s. 35
Tupinambis, 108. 111. 201, 202
 albogularis, s. 28
 bivittatus, s. 25
 caudivertus, s. 26
 cepedianus, s. 26

- Tupinambis exilis, ix. s. 25
 griseus, s. 27
 lacertinus, s. 29
 maculatus, s. 29
 marmoratus, s. 25
 monitor, 113; s. 29
 nigropunctatus, 113; s. 29
 ornatus, 202; s. 27
 stellatus, s. 27
 viridomaculatus, s. 26
 Tupinambis à taches vertes, 113
 bigarré, 110
 cepedien, 111
 élégant, 111
 étoilé, 111
 variegated, 202
 Turtle, coriaceous, 17. 93; s. 20
 green, 15. 81; s. 20
 imbricated, 15. 89; s. 21
 loggerhead, 16. 92; s. 20
 Turtles, 14. 81
 Typhlops, 247; s. 76
 albifrons, 248; s. 77
 Braminus, 248; s. 76
 cinereus, 248; s. 76
 crocotatus, 248; s. 77
 fasciatus, s. 77
 leucogaster, s. 77
 leucorrhous, 248; s. 77
 lineatus, s. 77
 oxyrhynchus, 249; s. 77
 Philippinus, 249; s. 77
 reticulatus, s. 76
 rostralis, s. 77
 septemstriatus, 248; s. 77
 undecimstriatus, 248; s. 77
 vermicularis, s. 77
 Typhlops, ash, s. 76
 banded, s. 77
 Brahmin, s. 76
 lined, s. 77
 netted, s. 76
 Philippine, s. 77
 seven streaked, s. 77
 sharp-nosed, s. 77
 white-bellied, s. 77
 white-fronted, s. 77
 worm-like, s. 77
 yellow, s. 77
 Tyria, 260
 Tyrse, 18
 Ular sawa, 257
 Uræus, s. 83
 Uran elegans, s. 26. 27
 punctatus, s. 26
 Russellii, s. 25
 Uranocentron, ix. s. 42
 azureus, s. 42
 Uromastix, 121; s. 61
 acanthinurus, 121; s. 61
 dispar, s. 61
 griseus, 121; s. 62
 Hardwickii, s. 62
 maculatus, s. 62
 niger, s. 62
 ocellatus, s. 61
 ornatus, 121; s. 61
 Reevesii, s. 62
 reticulatus, 121; s. 62
 spinipes, s. 61
 Uromastix, Bell's, s. 62
 black, s. 62
 common, s. 61
 of Egypt, 121
 ornamented, s. 61
 spotted, s. 62
 two coloured, s. 61
 Uronectes, 165
 Uropeltis, 251; s. 50. 76
 Ceylonicus, 251
 Philippinus, 251
 Varanus, 109
 Viper, black, 273
 brown, 268
 common, 270. 354
 horned, 271
 little, 272
 of Charas, 271
 plumed, 272
 red, 365
 short-tailed, 270
 Swedish, 365
 with horned-muzzle, 271
 Vipers, 269
 Vipera, 269, 270; s. 81
 Ægyptica, s. 81
 arietans, s. 81
 aspis, s. 80
 atrox, s. 79
 Atropos, s. 81
 berus, 272; s. 82
 brachyura, 270; s. 81
 Brasiliana, s. 79
 buccata, s. 95
 cærulescens, s. 97
 cerastes, s. 81
 chloris, s. 80
 Clotho, 270
 Daboia, s. 81
 elegans, s. 81
 flava, s. 81. 83
 hœmachates, s. 83
 haje, s. 83

Vipera halys, ix. s. 80
Illyrica, 271. 368; s. 82
inflata, s. 81
Lachesis, 270
lanceolata, s. 79
lebetina, s. 80
lophophris, 272; s. 81
moderans, s. 97
nasicornis, s. 81
nasua, s. 85
ocellata, 270; s. 81
Pallasii, s. 80
pretextata, s. 80
Pysche, s. 84
Russellii, s. 81
semifasciata, s. 96
severa, s. 81
stolata, s. 86
trigonocephala, s. 80
Tigrina, s. 79
Weigellii, s. 79
Vipère fer de lance, 268
Psyche, 276

Walker's, double, 246
Wasp, galley, 157
Woodslave, 230

Xenodon, 260; s. 88
æneus, s. 88
inornatus, s. 88
Merremii, s. 88
ocellatus, s. 88

Xenodon saurocephalus, ix. s. 88
Xenopeltis, 258; s. 92
concolor, 258; s. 92
leucocephalus, s. 92
unicolor, s. 92
Xenopus, s. 104
Boiei, s. 104
ovalis, s. 104
Xiphes dorsale, s. 97
ornatum, s. 97
Xiphosoma, 255; s. 96
aramboja, 254; s. 96
canina, s. 96
dorsale, 254; s. 97
hortulana, s. 96
Xiphura, s. 39

Yacaré, 199

Zacholus Austriacus, s. 93
Girondicus, s. 93
Zamerinus Æsculapii, s. 87
viridiflavus, s. 87
Zolhafa, 58
Zonurus, 119; s. 63
cataphractus, s. 63
microlepidotus, s. 63
Zonurus, armed, s. 63
common, s. 63
small-scaled, s. 63
Zygnis, 159
striata, 160; s. 72

PISCES.

VOL. X.

- ABACATUIA, (*Marcgr.*) x. 198
 Abramis, (*Cuv.*) 380
 Abusseau, 227
 Acanthicus hystrix, 414
 Acanthinions, (*Lacep.*) 191
 Acanthinion, bleu, 191
 orbiculaire, 176
 rhomboïde, 191
 Acanthopode argenté, 177
 Acanthopterygians, what called, 18
 Acanthopterygii, 8. 100
 fifth family of, 168
 sixth family of, 171
 seventh family of, 180
 supplement to, 270
 Acanthure argenté, 215
 zèbre, 215
 Acanthurus, (*Lacép. & Bl.*) 214
 chirurgus, 359
 ctenodon, 215
 glauco-pareius, 215
 guttatus, 215
 harpuras, 216
 Meleagris, 214
 nasus, 216
 scalprum, 215
 scopas, 215
 striatus, 215
 suillus, 215
 velifer, 215
 Acara aia, 115
 pitamba, 115
 Acaramucu, 575
 Acarauna longirostris, 259
 Acarne, the (*Rondel.*) 165
 Acerina, (*Cuv.*) 115
 Achire barbu, 499
 fascé, 499
 marbré, 499
 orné, 499
 Achirus, (*Lacep.*) x. 499
 Acinacée bâtarde, 186
 Acipenser, (*L.*) 588
 brevirostris, 591
 helops, 590
 huso, 590. 627
 maculosus, 591
 oxyrhyncus, 591
 pygmæus, 590
 rubicundus, 591
 Ruthenus, 590
 steuatus, 590
 sturio, 589
 Ageneiosus, (*Lacép.*) 407
 Agonus, (*Bl., Sch.*) 140
 acipenserinus, 140
 decagonus, 141
 dodecaedrus, 140
 lævigatus, 140
 rostratus, 140
 stegophthalmus, 140
 Agriopes, 146
 Agriopus torvus, 284
 Aiereba, (*Marcgr.*) 615
 Aiguillat, *Blainville*, 604
 Aken parah, 191
 Alabes (*Cuv.*) 530
 Alalonga of the Italians, 183. 343
 Albicore, (*Sloane*) 184
 Albula, (*Plumieri* ?) 40
 gonorynchus, 444
 nobilis, 421
 Plumieri, 444
 Alepocephalus, (*Risso*) 390
 rostratus, 390
 Alicorti, the, 183
 Alosa, (*Cuv.*) 438
 Alphestes gembra, 115
 Alticus, (*Commers.*) 231
 Aluterus, (*Cuv.*) 575

Cuv. Index.

Y

- Aluteres cryptacanthus, x. 575
 Ambassis, (*Commers.*) 103
 Americanus, 117
 Australis, 117
 oxygeneios, 117
 Amia, (*Gronov.*) 107
 (*L.*) 447
 (*Salv.*) 190
 of the Ancients & of Rond, 185
 of Browne, 444
 immaculata, 444. 447
 Ammocetes, (*Dum.*) 622
 Ammodytes, (*L.*) 557
 cicerelius, 538
 lancea, 538
 tobianus, 538
 Amore guaçu, 241
 pixuma, 240, 241
 Amphacanthus, (*Bloch.*) 214
 magniahac, 214
 marmoratus, 214
 nebulosus, 214
 Amphiprion bifasciatus, 160
 ephippium, 160
 leucurus, 160
 scansor, 218
 (*Bl., Schm.*) 160
 matejuelo, 123
 percula, 160
 polymnus, 160
 Amphisile, (*Klein*) 268
 Anabas, (*Cuv.*) 217
 the genus, 360
 testudineus, 218
 Anableps, (*Bl.*) 385
 tetrophthalmus, 386
 Anacanthus, (*Ehrenb.*) 615
 Anampses, (*Cuv.*) 256
 Anarrichas, (*Len.*) 234
 lupus, 235
 minor, 235
 Anchovies, the, 441
 Ancyodon, 152, 299
 Angel-fish, 640
 Angler, the 246
 Anguilla, 539
 (*Thurnberg and Shaw*), 523
 Anguile long-bec, 524
 marbré, 525
 pimperneaux, 524
 plat-bec, 524
 verniaux, 524
 Anguilliformes, 522
 Anodus, (*Spix*) 424
 Anostomus, (*Cuv.*) 425
 Antennarius, (*Commers.*) 247
 Anthias, (*Bl. in part.*) 111
 of Block, the 112
 bilineatus, 159
 Anthias boops, x. 120
 caballerote, 115
 catalufa, 120
 cherna, 113
 diagramma, 158
 grunniens, 157
 Japonicus, 159
 jocu, 115
 Johnii, 115
 macrophthalmus, 120
 maculatus, 157
 Orientalis, 113
 rabirrubia, 115
 sacer, 111. 275
 saponacea, 116
 striatus, 113
 testudineus, 178
 Vosmeri, 159
 Apalike, the, 443
 Aphyes, of the Ancients, 227
 Apistes, 145
 alatus, 146
 minoüs, 146
 tænianotus, 146
 Apistus fusco-virens, 283
 Israelitum, 283
 Apisurus, (*Lacép.*) 215
 Apogon, (*Lacép.*) 106
 rex mullorum, 107
 rouge, 107
 Apterichthes, the (*Dum.*) 529
 Apterionotus, (*Lacép.*) 534
 Argentina, (*L.*) 423
 bonak, 444
 Carolina, 423. 443
 glossodonta, 424. 444
 machnata, 423, 443
 sphyæna, 423, 432
 Argyctius quadrimaculatus, 210
 Argyreiosus, (*Cuv.*) 198
 Arnoglossum, (*Rondelet*) 496
 Aspidophori, (*Lacép.*) 140
 Aspidophoroïde, (*Lacép.*) 141
 Aspredo, (*Lin.*) 411
 Aspro, (*Cuv.*) 105
 vulgaris, (*Cuv.*) 105
 Astrolepus grimaldii, 468
 Astrodermus, (*Bonelli.*) 206
 guttatus, 206
 Atherina, (*Lin.*) 226
 Australis, 442
 Boyer, 227
 Brasiliensis, 228
 the dwarf, 290
 endrachtensis, 228
 hepsetus, 227
 Jacksoniana, 228
 lacunosa, 228
 mochon, 227

Atherina mænidia, x. 228
Neso gallica, 228
notata, 228
pinguis, 228
presbyter, 227
sihama, 123
Aulopus, (*Cuv.*) 432
Aulostomus, (*Lacép.*) 267
Aurata, of the Latins, 313
Ausonia Cuvieri, 203
Auxis, (*Cuv.*) 184
the genus, 344
Axinurus, (*Cuv.*) 216
thynnoides, 216

Badi motta, 431
Bagrus, 403
Baliste armé, 573
à brosses, 574
bourse, 573
bridé, 573
cendré, 573
écharpe, 573
étoilé, 573
grandes tâches, 572
Lamoureux, 573
noir, 572
pralin, 573
silloné, 573
verdâtre, 573

Balistes, (*L.*) 571
the, 584
aculeatus, 573
Américain, 573
arcuatus, 573
biaculeatus, 575
buniva, 572
bursa, 573
capricus, 572
Chinensis, 574
conspicillum, 573
forcipatus, 572
fuscus, 572
geographicus, 574
guttatus, 574
hispidus, 574
Japonicus, 574
jellaka, 572
Kleinii, 575
lævis, 575
lineatus, 573
longirostris, 574
maculatus, 572
medinilla, 573
monoceros, 574, 575
niger, 572, 573
papillosus, 574

Balistes pelleon, x. 574
penicilligerus, 574
punctatus, 572
rectangulus, 573
ringens, 572, 573
scopas, 574
stellaris, 572, 573
sufflamen, 572
tomentosus, 574
verrucosus, 573
vetula, 572
villosus, 574
viridescens, 573
viridis, 573

Barbier, 517
Barbus, (*Cuv.*) 378
caninus, 378
eques, 378
plebeius, 378
Basse, the 102. 273
the common, 102
Betrachioïde gangene, 249
varié, 249
verneul, 249
Batrachoides, (*Lac.*) 249
blennioides, 489
Gmelini, 489
Batrachus, (*Bl. Schn.*) 249
conspicillum, 250
Diemensis, 250
dubius, 250
grunniens, 249
porosissimus, 250
quadri spinis, 250
Surinamensis, 250
tau, 249, 250
Bandroge Ferguson, 247
Beaumaris, the, 601
Belone, (*Cuv.*) 393
argalus, 393
cancila, 393
Caribæa, 393
caudimacula, 393
crocodila, 393
truncata, 393
Beryx decadactylus, 124
lineatus, 124
Besugo, of the Spaniards, 165
Black fish, 409
Black grunts, 306
Blennie pointillé, 232
Blennius, (*L.*) 228
(*Proper*) *Cuv.* 229
the, 367
acuminatus, 232
argenteus, 232
Audifredi, 232
Capensis, 232
cavernosus, 230

- Blennius chubs, x. 489
 cornutus, 230
 edentulus, 231
 fasciatus, 230
 fenestratus, 232
 gadoïdes, 489
 galerita, 230
 gattorugine, 229. 231
 gunnellus, 233
 labrosus, 234
 labrus, 487
 lumpenus, 232
 lupus, 487
 quinque maculis, 261
 mustelaris, 232
 ocellaris, 229
 palmicornis, 230
 pavo, 230
 pholis, 230
 phycis, 488
 pilicornis, 230
 punctatus, 232
 raninus, 489
 rubriceps, 230
 saliens, 367
 simus, 231
 spadiceus, 232
 superciliosus, 232
 tentacularis, 229
 torvus, 146
 truncatus, 231
 villosus, 145
 viviparus, 234. 488
 Blepharis, (*Cuv.*) 198
 Blepsias, the, (*Cuv.*) 145. 283
 Bodian Aia, 115
 hiatule, 110
 cyclostome, 114
 grosse tête, 113
 lutjan, 166
 melanoleuque, 114
 six-raies, 105
 tetracanthé, 127
 Bodians, of Bloch, 112
 Bodianus apua, 112
 argenteus, 170
 argyroleucus, 153
 bœnak, 112
 bodianus, 257
 guativere, 112
 guttatus, 112
 maculatus, 114
 melanurus, 113
 pentacanthus, 123
 sebæ, 127
 stellifer, 153
 triourus, 306
 triurus, 158
 Bogmarus, (*Bl. Schn.*) 210
 Bokee sorra, x. 598
 Bola chaptis, 153
 coiton, 153
 cuja, 153
 pama, 299
 Bonaci arara, 112
 Boniton, the, 184
 Bonita of the tropics, the, 183
 Bontah, the, (*Rus.*) 224
 Boops, (*Cuv.*) 167. 320
 salpa, 167
 vulgaris, 167
 Borassus flabelliformis, 361
 Bostriche tacheté, 222
 Bostrichoïde œillé, 222
 Bostryche Chinois, 238
 Bothriocephalus solidus, 289
 Botlah parah, 191
 Bouclier, 519
 porte écuelle, 517
 Bouco-rougo, 317
 Brama, (*Bl. Schn.*) 178
 marina cauda forcipata, 327
 the genus, 326
 Branchiostegi, old order of, 19
 Bream, little, 380
 Brochet de Bantam, 393
 Brosmius, (*Cuv.*) 487
 Brotula, (*Cuv.*) 488
 Buffalo-fish, the, 175. 324
 Bullhead, the river, 280
 Buro, (*Commer.*) 214
 brunneus, 214
 Butirin banane, 446, 447
 Butirinus of Commerson, 424. 444
 Butrinus banane, 444
 Cabassoude, (*Rondel.*) 227
 Cabassous, of Provence, 227
 Cabrilla, 112
 Cæcula pterygea, 529
 Cæcio, (*Lacép.*) 169
 asuror, 170
 poulain, 200
 smaris, 170
 Cæsiomore, 191
 Cæsiomores, (*Lacép.*) 191
 Cæsiomore Baillon, 191
 Cailleu, (*Duham.*) 436
 Tassard, of the Antilles, 439
 Calamoia pota, 161
 Callarias galarias, 484
 Callichthys, (*Lin.*) 410
 Calliodon, (*Cuv.*) 265
 Callimore Indien, 142
 Callionymus, (*Lin.*) 241
 Baicalensis, 243

- Callionymus cithara, x. 243
 diacanthus, 243
 dracunculus, 242
 Indicus, 142. 243
 jaculus, 243
 lacerta, 242
 lyra, 242
 ocellatus, 243
 Orientalis, 243
 pusillus, 242
 sagitta, 243
 Callorhynchus, (*Gron.*) 593
 Callorinchus Australis, 97
 Camaripu guaçu, 443
 Campilodon, (*Oth. Fab.*) 192
 Camuri of Marcgrave, 104
 Canthari, the, 319
 Cantharus, (*Cuv.*) 167
 brama, 167
 vulgaris, 167
 Canthère douteux, 170
 Capelan, the, (*Duhamel*) 420. 484
 Capenna, (*Marcgr.*) 156
 Capros, (*Lacép.*) 199
 Caranges, (*L.*) 195
 Carangues franches, 355
 Carangues, of French sailors, 196
 lunaires, 355
 Carangus, of the Antilles, 196
 the bastard, 196
 petaurista, 196
 sexfasciatus, 196
 Caranna, 112
 Caranx, (*Cuv.*) 194
 Daubenton, 195
 Dumerilii, 354
 lune, 196
 punctatus, 195
 trachurus, 355
 Caranxomorus, (*Lacép.*) 205
 Carapus, (*Cuv.*) 533
 Carcharias, (*Cuv.*) 599. 635
 Cardine, the, 517
 Carp, 144
 the common, 451
 fecundity of the, 454
 food of the, 453
 golden, 377
 long life of the, 452
 the preserving alive of, 455
 spawning of the golden, 457
 Carpione, of Lombardy, 418
 Carps, queen of the, 376
 Carrelet of the French, 492
 Cataphractus, (*Lacép.*) 410
 Americanus, 408
 Catastomus, (*Lesueur*) 380
 cyprinus, 380, 381
 Ceixupira, (*Marcgr.*) 189
 Centranodon, (*Lacép.*) x. 142
 Centrarchus, (*Cuv.*) 119
 Centrarchus æneus, 119
 Centriscus, (*Lin.*) 268
 Niloticus, 398
 proper, 268
 pungitius, 290
 scolopax, 268. 372. 412
 scutatus, 269
 velitarius, 269
 Centrogaster, (*Hout.*) 214
 argentatus, 214
 equula, 170. 200
 fuscescens, 214
 rhombeus, 177
 Centrolophe nègre, 205
 Centrolophus, (*Lacép.*) 205
 Centronotus, (*Lacép.*) 188
 (*Schn.*) 232
 spinus, 189
 Centropode rhomboïdal, 177
 Centropome ambasse, 108
 macrodon, 107
 Plumier, 102
 de Roche, 120
 rouge, 124
 six-raies, 105
 Centropomæcillé, (*Lacép.*) 152
 Centropomus, (*Lacép.*) 104
 rubens, 107
 undecimalis, 104
 Centropriistris, (*Cuv.*) 117
 nigricans, 117
 Cephalacanthus, (*Lacép.*) 138
 Cephalopholis, 112
 Argus, 112
 Cephaloptera, (*Dum.*) 617. 653
 Cephalopteram assena, 617
 Cephalus, (*Sh.*) 569
 Cepola, (*Lin.*) 212
 cæcula, 239
 gladius, 209
 iris, 209
 Japonica, 212
 rubescens, 212
 tænia, 209. 212
 trachyptera, 209
 Cestracion, (*Cuv.*) 603
 Chætodon, (*Lin.*) 171
 the genus, 322
 acuminatus, 174
 alepidotus, 203
 annularis, 176
 arcuatus, 176. 198
 argenteus, 177
 Argus, 175
 armatus, 106
 arthriticus, 176
 aruanus, 161

Chaetodon aureus, x. 176
 auriga, 173
 baronessa, 172
 Bengalensis, 161
 biaculeatus, 160
 bicolor, 176
 bifascialis, 172
 bifasciatus, 164
 bimaculatus, 173
 canescens, 174
 capistratus, 173
 Chinensis, 218
 chirurgus, 215
 ciliaris, 175
 cornutus, 174
 couronné, 175
 curassao, 161
 cyprianaceus, 178
 decussatus, 172
 ensis, 178
 faber, 174. 198
 fasciatus, 173. 176
 flavus, 173
 Fremblii, 323
 frontalis, 173
 geometricus, 176
 glaucus, 191
 guttulatus, 176
 guttatus, 214
 imperator, 176
 Kleini, 172
 lanceolatus, 155
 lineatus, 215
 longirostris, 174. 323
 longimanus, 175
 macrolepidotus, 174
 maculatus, 161
 marginatus, 161
 Mauriti, 161
 mesoleucos, 176
 mesomelas, 176
 meta, 215
 Meyeri, 172
 miliaris, 172
 monodactylus, 158
 nasogallicus, 173
 Nicobariensis, 176
 nigricans, 215
 nigrofuscus, 215
 orbicularis, 176
 orbis, 174
 ocellatus, 173
 octofasciatus, 172
 ornatus, 323
 paru, 176
 pavo, 160
 pentacanthé, 176
 plebeius, 173
 Plumieri, 174

Chaetodon principalis, x. 173
 properly so called, 17
 punctatus, 175
 quinquecinctus, 176
 rhombeus, 177
 rhomboides, 191
 rostratus, 173. 180. 323
 sargoide, 161
 saxatilis, 161
 sebæ, 172
 sebanus, 173
 setifer, 173
 sohal, 215
 sordidus, 161
 strigangulus, 172
 striatus, 172
 Suratensis, 161. 262
 teira, 176
 tetracanthus, 175
 tricolor, 175
 triostegus, 215
 unicornis, 216
 unimaculatus, 173
 vagabundus, 172
 vespertilio, 176
 vittatus, 172
 zèbre, 215
Chalceus, (*Cuv.*) 426
 angulatus, 427
 fasciatus, 426
 macrolepidotus, 427
 opalinus, 427
Chane (*Χανη*) of the Greeks, 110
Characin nefasch, 430
Characinus Amazonicus, 429
 of Artedi, 424
 dentex, 429
Charax, of Risso, 163
Chatoessus, (*Cuv.*) 438
Chauliodus, (*Schn.*) 392
 Sloani, 392
Cheiline scare, 253
 trilobé, 253
Cheilnus, (*Lacép.*) 253
 auratus, 253
Cheilodactylus, (*Lacép.*) 158
 of Carmichael, 158
 carponemus, 158
 fascé, 158
 zonatus, 158
Cheilodipterus, (*Lacép.*) 107
 Arabicus, 107
 octovittatus, 107
 quinquelineatus, 107
Cheilodiptère chrysoptère, 102
 cyanoptère, 154
 heptacanthé, 194
 rayé, 107
Chela of Buchanan, 383

- Chelmons, x. 323
 Chelmon, (*Cuv.*) 173
 Chewoola-parah, 198
 Chimæra, (*L.*) 592
 the Antarctic, 593
 the Arctic, 593
 callorhynchus, 593
 monstrosa, 593
 proper, (*Cuv.*) 593
 Chirivita jaune, 176
 noire, 176
 Chirocentrus, (*Cuv.*) 444
 Chironectes, the, 369
 biocellatus, 248
 Commerstonii, 247, 248
 furcipilus, 248
 hispidus, 248
 lævigatus, 247
 histrio, 370
 marmoratus, 248
 mummifer, 248
 ocellatus, 248
 pictus, 247
 punctatus, 248
 scaber, 248
 tuberosus, 248
 tumidus, 247
 unipinnis, 248
 variegatus, 248
 Chironemus, (*Cuv.*) 119
 Georgianus, 119
 Chirus, (*Stell.*) 244
 Chitchillée, (*Russell*) 163
 Chnees, of the Moluccas, 445
 Chondropterygians, branchiæ of, 47
 cerebellum of, 72
 Chondropterygii, 6. 586
 supplement on the, 624
 with fixed gills, 629
 Chromis, (*Cuv.*) 261
 Nilotica, 262. 371
 vulgaris, 261. 371
 Chrysophris, (*Cuv.*) 163. 312
 of the Ancients, 163
 aurata, 163. 314
 chrysargyra, 163
 microdon, 163
 Chrysostromus, (*Lacép.*) 202
 Chrysotose lune, 200
 Chrysotosus, (*Lac.*) 200
 Chrysurus, 115
 Cichla macroptera, 158
 Cicilia, (*Lacép.*) 529
 Cirrhibarba, (*Cuv.*) 232
 Cirrhinùs, (*Cuv.*) 379
 Cirrhite pantherin, 118
 tacheté, 118
 Cirrhites, (*Commers.*) 118
 aprinus, 118
 Cirrhites vittatus, x. 118
 Citharinus, (*Cuv.*) 430
 Geoffroei, 430
 Citharus, (*Rondel.*) 495
 asper, 495
 pinguis, 495
 Citula Banksii, 196
 Citulæ, (*Cuv.*) 197
 Clarias, (*Gronov.*) 409
 Clepticus, (*Cuv.*) 259
 genizara, 259
 Clinus, (*Cuv.*) 231
 Clupanodon Champol, 438
 Chinois, 437
 ilisha, 438
 Jussieu, 437
 Clupea, 434
 (*L. Cuv.*) 435
 the genus, 474
 æstivalis, 438
 atherinoides, 442
 alosa, 438. 479
 Brasiliensis, 444
 clupola, 437
 coval, 437
 cyprinoides, 443
 dentex, 445
 dorab, 445
 encrasicholus, 441
 fasciata, 200
 finta, 438
 gigantea, 443
 harengus, 435. 474
 haumela, 208
 humeralis, 437
 kélée, 438
 latulus, 436
 matowka, 438
 melanura, 437
 melastoma, 437
 menhaden, 438
 mystax, 442
 mystus, 442
 nasus, 439
 palasah, 438
 phasa, 442
 pilchardus, 437
 Sardina, 437. 480
 setirostris, 442
 sprattus, 436
 synura, 441
 telara, 442
 Thrissa, 439
 tuberculense, 442
 vernalis, 438
 villosa, 420
 Clupée macrocéphale, 444
 raie d'argent, 442
 Coal-fish, the, 485

- Cobitis, (*L.*) x. 384
 anableps, 386
 barbatula, 384
 fossilis, 384
 geta, 385
 heteroclita, 387
 maialis, 388
 tænia, 385
 Cock-up, of the English of Calcutta, 103
 Cod-fish, 484
 Cod, fishery of the, 508
 flesh of the, 507
 habitat of the, 506
 Isle of Man, red, 509
 the well-known, 505
 Coffre (ostracion) quatorze piquans, 577
 Cogrus, (*Rafin.*) 526
 Coius catus, 115
 chatareus, 180
 coboius, 218
 datnia, 121
 nandus, 157
 Colas of Guadaloupe, 115
 Colisa, of Bengal, 362
 Colin, the French, 485
 Comephorus, (*Lacép.*) 243
 Conger, (*Cuv.*) 524
 the, 544
 à chapelet, 525
 fishing for the, 545
 niger, 546
 Cora motta, 222
 Coracinus, of the Ancients, 261
 the white or Egyptian, 262
 Corbeau, of the Mediterranean, 226
 Cordonnier, of Martinique, 198
 Coregonoides Amboinensis, 426
 Coregonus, (*Cuv.*) 421
 albus, 423
 fera, 422
 hyemalis, 422
 palæa, 422
 thymalloides, 421
 quadrilateralis, 423
 signifer, 421
 Coricus, (*Cuv.*) 258
 rubescens, 258
 Coris, (*Lacép.*) 255
 aigrette, 255
 angulé, 255
 Corvina, (*Cuv.*) 152
 the, 292
 acuminata, 155
 the black, 153
 formosa, 156
 furcæa, 153
 katchelée, 153
 miles, 153
 nageb, 157
 Corvina obliqua, x. 153
 oscula, 153
 Corvo di fortiera, 297
 Corvulus, (*Ges.*) 107
 Corvus Niloticus, 226
 Corydorus edentulus, 408
 Coryphæna aurata, 359
 cærulea, 261. 265
 chrysurus, 359
 from what derived, 357
 equisetus, 359
 fasciolata, 205
 (*Lin.*) 204
 hippurus, 205. 357
 lineata, 261
 lineolata, 261
 nigrescens, 117
 novacula, 260
 pelagica, 262
 pentadactyla, 261
 Plumieri, 263
 pompilus, 205
 psittacus, 261
 torva, 146
 velifera, 206
 Coryphæne Plumier, 263
 Cotte madegasse, 142
 Cottus, (*Lin.*) 133. 138
 Acadianus, 141
 anostomus, 140
 Australis, 146
 bubalis, 139
 cataphractus, 140
 diceraus, 139
 gobio, 139. 280
 grunniens, 249
 hemilepidotus, 142
 hispidus, 141
 insidiator, 142
 Japonicus, 140
 macrocephalus, 238
 monopterygius, 141
 octodecim spinosus, 139
 pistilliger, 140
 polyacanthocephalus, 139
 quadricornis, 139
 scaber, 142
 scorpio, 281
 scorpius, 139
 spatula, 142
 trachurus, 142
 tripterygius, 141
 Virginianus, 139
 Courpata, of the Mediterranean, 226
 Crenideus, 320
 Crenilabrus, (*Cuv.*) 256
 Roissal, 257
 tinca, 257
 Curimate, (*Gilbert*) 424

Curimatus, (*Cuv.*) x. 424
 Curvata pinima, 195
 Cybia, the, 344
 Cybium, (*Cuv.*) 185
 cavalla, 185
 Commersonii, 185. 344
 guttatum, 185. 345
 lineolatum, 185
 maculatum, 185
 regale, 185
 Cychla, (*Bl. Schn.*) 262
 ænea, 119
 Argus, 262
 argyrea, 170. 262
 bimaculata, 262
 brama, 262
 Brasiliensis, 262
 cuning, 170. 262
 cynodon, 262
 erythrura, 262
 guttata, 262
 Japonica, 262
 macrophthalma, 262
 maculata, 262
 ocellaris, 262
 pelagica, 205. 262
 punctata, 262
 saxatilis, 262
 sparoides, 119
 Surinamensis, 262
 variabilis, 117
 Cyclogaster of Gronovius, 521
 gelatinosus, 521
 liparis, 521
 Cyclopterus, (*L.*) 501
 bimaculatus, 501
 Cornubicus, 518
 gelatinosus, 502
 gibbosus, 502
 liparis, 502
 littoreus, 501
 lumpus, 502, 518
 minutus, 502. 521
 Montagui, 502
 nudus, 501
 pavonius, 502
 souris, 502
 spinosus, 502. 521
 ventricosus, 502
 Cyclostomata, 7
 (*Dum.*) 617
 Cynædus, (*Gronov.*) 158
 Cynodon gibbus, 429
 vulpinus, 429
 Cyprin sucet, 381
 Cyprinodon, (*Lacép.*) 388
 flavulus, 388
 ovinus, 388
 umbra, 388

Cyprinodon, variegatus, x. 388
 Cyprinoïdes, 374
 Cyprinus alburnus, 382
 (*Cuv.*) 375
 amarus, 378
 Anne Caroline, 376
 aspius, 382
 ariza, 382
 auratus, 377, 456
 bacaila, 383
 ballerus, 380
 barbus, 378
 basbora, 382
 bendelesis, 379
 binny, 378
 bipunctatus, 382
 blicca, 389
 boga, 382
 brama, 389
 Buggenhagii, 380
 bulatmai, 378
 calbasu, 379
 capoeta, 379
 carassius, 376
 carpio, 376. 451
 catla, 377
 cirrhosus, 379
 clupeoides, 383
 cocsa, 379
 cotis, 380
 cultratus, 383
 curmuca, 379
 daniconius, 379
 dantica, 383
 dentex, 428
 devarid, 377
 dobula, 381
 erythrophthalmus, 382
 fimbriatus, 380
 gibelio, 377
 gobio, 379
 gonius, 379
 gonorynchus, 384
 grislagine, 382
 gros yeux, 377
 idus, 381
 jeses, 382
 kunama, 379
 latus, 380
 lepidotus, 378
 leuciscus, 382
 macrophthalmus, 377
 mola, 382
 morar, 383
 mordoré, 376
 morula, 379
 mrigala, 379
 mursa, 378
 nandina, 379

- Cyprinus, nasus, x. 382
 Niloticus, 380
 pala, 382
 phoxinus, 382
 quatre lobes, 377
 rex cyprinorum, 376
 Rohita, 379
 rouge-brun, 376
 rutilus, 381
 sophore, 382
 teres, 381
 tinca, 379
 tinca auratus, 379
 tolo, 382
 vimba, 380
 vert-violet, 376
 Dactyloptera, (*Lac.*) 137
 Orientalis, 138
 Dalophis, (*Rafin.*) 523
 Dalatias nocturnus, 604
 Dangiri mangelang, 183
 Dascyllus, (*Cuv.*) 161
 Datnia Buchanani, 121
 cancellata, 121
 Daurade, whence derived, 313
 Deddi-jallah, 403
 Delatias sparophagus, 605
 Demi-bec de Baggewaal, 395
 Dentale, of the Italians, 166
 Dentex, (*Cuv.*) 165
 the genus, 316
 hexodon, 166
 macrocephalus, 166
 macrophthalmus, 166
 vulgaris, 166. 317
 Derbio, the (*Rond.*) 190
 Diabolus marinus, 617
 Diabase, striped, 156
 Diacope, (*Cuv.*) 114
 calveti, 114
 macolor, 114
 notata, 114
 octolineata, 114
 quadriguttata, 114
 rivulata, 114
 Sebæ, 114
 Diagramma (*Cuv.*) 157
 lineatum, 157
 pertusum, 158
 pictum, 158
 pœcilopterum, 158
 Diana semilunata, 206
 Diodon, (*L.*) 566
 antennatus, 566
 atinga, 566. 579
 histrix, 566. 581
 holocanthus, 581
 jaculiferus, 566
 mola, 570
 multimaculatus, 566
 Diodon nictemerus, x. 566
 novem-maculatus, 566
 orbiculatus, 566
 pilosus, 567
 punctatus, 566
 rivulatus, 566
 sex-maculatus, 566
 spinosissimus, 566
 tigrinus, 566
 triordicus, 566
 Diploprion, (*Kuhl & Van Hasselt*) 106
 bifasciatum, 106
 Dipteron, 178
 Capensis, 178
 héxacanthé, 107
 ruber, 107
 Discoboli, 499
 Ditchæ, (*Schn.*) 437
 Dondoo-paum, 530
 Dog-fish, 631
 Dondrum yellakah, 573
 Donzelles, (*French*) 535
 Doras, (*Lacép.*) 407
 granulosus, 408
 niger, 408
 oxyrhyncus, 408
 Dorosoma, (*Rafin.*) 438
 Dorsch, of the Baltic, 484
 Dorse, the 510
 Dorsuaire, (*Lacép.*) 177
 Drum, the 303
 Dules, (*Cuv.*) 120
 auriga, 120
 rupestris, 120
 tæniurus, 120
 Echelus, (*Rafin.*) 523
 Enchelyopus colias, 127
 Echeneis, (*L.*) 503
 lineata, 504
 osteoichir, 504
 naucratus, 504
 remora, 504
 Echiquier, l', (*Lacép.*) 255
 Eel, the common, 539
 the conger, 524
 eggs of the, 543
 the electric, 532. 549
 food of the, 542
 habitat of the, 541
 organization of the, 540
 the snake, 526
 tenkéé, 616
 Eels, (properly so called,) 523
 Ekalah parah, 196
 Elacate, (*Cuv.*) 189
 Americana, 189
 motta, 189

- Eleotris, (*Gronov.*) x. 241
 dominatrix, 241
 lanceolata, 238
 noir, 241
 Mauritii, 193
 Elops, (*L.*) 443
 (*Commers.*) 259
 saurus, 423
 Emoï, 130
 Emissole commune, 602
 tachetée de blanc, 602
 Enchelyopus Americanus, 489
 barbatus, 488
 Engraulis, (*Cuv.*) 441
 edentulus, 442
 lemniscatus, 442
 meletta, 441
 Enoplosus, (*Lacép.*) 106
 armatus, 106
 Ephippii of India, 175
 Ephippus, (*Cuv.*) 174
 Argus, 324
 gigas, 174
 terla, 175
 Epibulus, (*Cuv.*) 258
 Epidesmus maculatus, 210
 Epinephelus, 112
 ciliatus, 144
 marginalis, 113
 merra, 112
 ruber, 113
 Epinoche, of the French, 287
 Eques, (*Bl.*) 155
 acuminatus, 155
 Americanus, 155
 balteatus, 155
 punctatus, 155
 Equula, (*Cuv.*) 200
 caballa, 170
 cara, 200
 coma, 201
 daura, 201
 ensifera, 200
 fasciata, 200
 insidiatrix, 201
 minuta, 201
 ruconius, 201
 splendens, 201
 totta, 201
 Eregoodoo-tenkée, 617
 Erythrinus, (*Gronov.*) 446
 tæniatus, 446
 Esclave à six lignes, 121
 Esoces, 333
 Esox, (*L.*) (*Cuv.*) 389
 alepidotus, 390
 argenteus, 444
 belone, 393. 449
 boa, 391
 Esox Brasiliensis, x. 395
 chirocentre, 445
 estor, 390
 flavulus, 388
 gymnocephalus, 446
 hepsetus, 395
 Lewini, 465
 lucius, (*pike.*) 274. 389. 460
 Malabaricus, 446
 osseus, 449
 ovinus, 388
 pisciculus, 388
 reticularis, 390
 saurus, 394
 sphyræna, 130
 stomias, 392
 synodus, 431. 443. 447
 truttaceus, 390
 viridis, 449
 vulpes, 444
 zonatus, 388
 Etelis, (*Cuv. & Val.*) 106
 carbunculus, 106
 Etmopterus aculeatus, 604
 Exocetus, (*L.*) 395. 465
 appendiculatus, 397
 comatus, 397
 exiliens, 396. 466
 fasciatus, 396
 furcatus, 397
 mesogaster, 279. 396
 Nuttalii, 397
 volitans, 396. 465
 Fahaca, the, 582
 of the Arabs, 567
 Fanfre of the sailors, 189
 Faux merlan, 484
 Falx Venetorum, 209
 Fegaro, of the Genoese, 296
 Fierasfer, 537
 gymnotus, 534
 Filar, why called, 544
 Fi-fi, of the Isle of France, 286
 Fish, the, 1. 661
 the abdominal, 8
 angel, 608
 the apodal, 8
 with armed cheeks, 133
 articulation of the bones of, 51
 balloon, 564
 bones of, 58, 59
 the brain of, 28. 71
 Branchial system in osseous, 65
 cartilaginous, 6
 cartilage of the bones of, 52
 of St. Christopher, 356
 circulation of blood in, 87. 89
 classification of, 10
 the coal, 512

- Fish, the common, *x.* 7
 the cranium of, 54
 deglutition of aliment of, 85
 the ear of, 77
 egg-roes of, 98
 external organs of the senses of, 74
 exterior of, 47
 eyes of, 36
 the eye of, 75
 flat, 514
 food supplied by, 33
 fresh-water, 45
 in general, supplement on, 25
 globe, 564
 growth of, 99
 habitation of, 35
 habits of, 34
 head of, 3
 hermaphrodites among, 96
 Malacopterygian, 8
 intestinal canal of, 85
 manducation and teeth of, 82
 the modern definition of, 27
 moor, 569
 muscles of, 67
 muscle of the branchial apparatus of, 70
 muscle of the jaws of, 68
 muscles of the operculum of, 69
 the myology of, 66
 nerves of, 73
 the nostrils of, 78
 organs of generation of, 94
 organs of nutrition of, 82
 the organs of taste of, 79
 the organs of touch in, 80
 the ovaria of, 95
 pelagian, 33
 periodical blindness of, 37
 of St. Peter, the, 199
 the pharyngeal bones of, 60
 properly so called, 6
 pupil of the eye of, 76
 respiration of, 90, 91
 the scales of, 81
 secretions of, 92
 the senses in, 29
 sexual emotions of, 31
 skeleton of osseous, 53. 64
 snout of, 57
 spleen of, 87
 spawn of, 97
 spiny globe, 566
 stock, 514
 the structure of, 49
 sternum of, 63
 sun, 569
 the subbrachian, 8
 taking of a flying, 41
- Fish, taste in, *x.* 4
 teeth of, 84
 temperature of, 30
 texture of the bones of, 50
 trunk, 575
 use of swim-bladder of, 93
 vertebræ of, 3. 61
 the vertical fins of, 62
- Fishes, the nature of, 25
 organization of, 25
 flat, 490
- Fistularia, (*Lin.*) 266
 Chinensis, 268
 immaculata, 267
 proper, (*Lacép.*) 267
 paradoxa, 561
 serrata, 267
 tabacaria, 267
- Fistularidæ, 266
- Flag-man, 324
- Flasco psaro, 567
- Flounder, the rose-coloured, 492
- Fundulus, (*Lacép.*) 387
 Brasiliensis, 388
 cænicolus, 387
 fasciatus, 388
- Gachua, of India, 364
- Gadoides, 482
- Gadus, (*L.*) 482
 Æglefinus, 484
 albidus, 489
 Bacchus, 486
 barbatus, 484. 511
 blennoides, 484
 brosmæ, 487
 callarias, 484
 carbonarius, 485
 Cimbricus, 487
 furcatus, 489
 gracilis, 484
 longipes, 489
 luscus, 484
 macrocephalus, 474
 maculosus, 487
 Magellanicus, 486
 maraldi, 486
 merlangus, 485
 merluccius, 485
 minutus, 484
 molua, 486
 morrhua, 483
 mustela, 487
 pollachius, 485
 quinque-cirratus, 487
 raninus, 489
 Saida, 484
 salarias, 230
 lota, 486, 514
 tau, 249

- Gadus tomcodus*, x. 484
 tricrochatus, 487
 trifurcatus, 489
 virens, 485
Galanga, 246
Gal d'Alexandrie, 197
Galaxias, (*Cuv.*) 390
Galeus, (*Cuv.*) 601
Gallus, (*Cuv.*) 198
Gardon Le, 381
Gar-fish, 393
Gasterocephalus, (*Bl.*) 425
Gasterosteus, the, 287
Gasterosteus, (*Cuv.*) 148
 aculeatus, 149. 288.
 argyropomus, 149
 biculeatus, 149
 brachycentrus, 149
 Canadensis, 189
 cataphractus, 149
 ductor, 189
 gymnurus, 149
 Japonicus, 148
 leiurus, 288
 niger, 149
 Noveboracensis, 149
 Occidentalis, 191
 ovatus, 191
 quadracus, 149
 spinarella, 138
 spinochia, 149
 trachurus, 149, 288
 tetracanthus, 149
Gastrobranche dombeys, 622
Gastrobranchus, (*Bl.*) 622
 cæcus, 622. 660
Gastropelecus sternicla, 425
Gempylus the, 186. 346
 coluber, 346
 Prometheus, 346
 serpens, 186. 346
 with what connected, 207
Germion of the Biscayans, the, 183
 of Gascony, 343
Gerres, the genus, 321
 apron, 170
 argyreus, 170
 filamentosus, 170
 lineatus, 170
 Plumieri, 322
 poieti, 170
 rhombeus, 322
Gerrus, (*Cuv.*) 170
 rhombeus, 170
Gherad el bahr, 283
Gilt-head, (*qf Pennant*) 314
Girelle Duperry, 256
 Gaymard, 255
 Labiche, 255
Glut-eel, of the English, x. 524
Glyphisodon, (*Lacép.*) 161
 azureus, 161
 lachrymatus, 161
 melanurus, 161
 sparoides, 161
 uniocellatus, 161
Gnaibi Coara, 156
Gnathobolus, (*Schn.*) 439
Gobiæsoce testar, 501
Gobiesox, (*Lacép.*) 500
Gobio, (*Cuv.*) 379
Gobioide rubicunda, 239
 Smyrnéen, 502
Gobioïdes, 228. 367
 (*Lacép.*) 238
Gobiomorus dormeur, 241
 Gronovien, 193
Gobiomoroïde pison, 240
Gobiomorus taiboa, 241
Gobius, (*Lin.*) 235
 proper, (*Lacép. & Schn.*) 236
 the genus, 368
 alepidotus, 238
 auratus, 241
 bato, 238
 Boddarti, 238
 bosc, 230
 Broussonet, 238
 boulereau, 368
 capito, 237
 changua, 238
 cruentatus, 237
 elongatus,
 fluvialis, 237
 Gronovii, 193. 240
 guiris, 238
 jizzo, 237
 Kælreuteri, 240
 lagocephalus, 238
 lanceolatus, 238
 lota, 238
 macrocephalus, 238
 minutus, 237. 502
 niger, 237. 368
 ocellaris, 238
 pisonis, 240, 241
 oblongatus, 238
 Plumieri, 238
 Russellii, 238
 Schlosseri, 240
 striatus, 240
 strigatus, 241
 viridi-pallidus, 238
Gode mollet, 484
Ghomphosus, (*Lacép.*) 259
 cæruleus, 259
 Lacépède, 259
 viridis, 259

- Gold-fish, x. 377. 456
 Gonorynchus, (*Gron.*) 383
 Gourami, the, 363
 (*Lacép.*) 220
 Grammistes, (*Cuv.*) 104
 acuminatus, 155
 Orientalis, 104
 trivittatus, 156
 Grig-eel, of the English, 524
 Grumblers, (what called,) 134
 Grystes, (*Cuv.*) 117
 Macquariensis, 117
 Guaperva, the, 198, 248
 (*Marcgr.*) 176
 Guarapuca, (*Marcgr.*) 185
 Guaratereba, (*Séb.*) 196
 Guavina, (*Pam.*) 241
 Gudgeon, the, 458
 Guebucu, (*Marcgr.*) 188
 Gurgur, of Upper Egypt, 406
 Gurnard, the grey, 279
 the red, 278
 the sapphire, 279
 Gurrah-parah, 198
 Gymnarchus, (*Cuv.*) 534
 Niloticus, 535
 Gymnètre cépédien, 210
 Gymnetrus, (*Bloch.*) 209
 cepedianus, 211
 Grillii, 211
 Hawkenii, 211
 Mediterraneus, 210
 Russellii, 211
 Gymnocephalus ruber, 112
 Gymnodontes, 7
 Gymnogaster, (*Gronov.*) 208
 Arcticus, 210
 Gymnomurène cerclée, 528
 Gymnothorax, (*Bl.*) 526
 Gymnotus, (*L.*) 530
 the genus, 547
 acus, 534. 537
 albifrons, 534
 æquilabiatus, 533
 albus, 533
 anatomy of, 553
 brachiurus, 533
 electric power of, 550
 electricus, 532. 548
 fasciatus, 533
 fierasfer, 534
 macrourus, 533
 mode of taking, 554. 557
 notopterus, 441. 534
 proper, (*Lacép.*) 532
 rostratus, 534
 shocks given by, 552
 Gomphosus variegatus, 259
 Gynodontes, 564
 Haddock, the, x. 509
 English, 484
 Halé, the, 409
 Hake, the, 513
 Hæmulon, (*Cuv.*) 156
 the genus, 305
 caudimacula, 156
 capenna, 156
 chrysopterus, 156
 elegans, 156
 heterodon, 156
 Harder, the, 193
 Harpurus, (*Forst.*) 214
 Hausen, 627
 Hadou, of the French, 484
 Heliasus, 161
 Helostoma, 362
 (*Kuhl.*) 219
 Temminckii, 219
 Helotes, (*Cuv.*) 121
 sexlineatus, 121
 Hemilepidotus, (*Cuv.*) 141
 Hemiramphus, (*Cuv.*) 394
 Brasiliensis, 395
 brevirostris, 394
 Commersonii, 395
 hepsetus, 395
 longirostris, 394
 marginatus, 394
 Hemitripterus, (*Cuv.*) 141
 Heniochus, (*Cuv.*) 174
 macrolepidotus, 323
 Hepatus of Rondelet, 312
 Heptatremus, 659
 Herder, (*Shepherd*) 193
 Herrings, the, 474
 migration of, 475, 476
 proper, the, 435
 Heterobranchus, (*Geoff.*) 408
 bidorsalis, 409
 Hippoglossus, (*Cuv.*) 494
 Hippocampus, (*Cuv.*) 560
 brevirostris, 560
 guttulatus, 560
 Hippos of Linnæus, 195
 Histrophori, the, 351
 Histrophorus Americanus, 352
 Indicus, 352
 Holocanthé, jaune & noir, 172
 Holocanthus, (*Lacép.*) 175
 arcuatus, 325
 ciliaris, 325
 imperator, 325
 Lamarckii, 325
 Holocentre, argentinus, 110
 bleu, 113
 calcarifer, 103
 Chani, 110
 cilié, 159

Holocentre diacanthé, x. 160

gymnose, 113
 heptadactyle, 103
 jaune, 113
 léopard, 114
 négrillon, 160
 noire, 205
 océanique, 113
 panthérin, 112
 rabagi, 164
 résmare, 113
 siagonotus, 110
 Sonnerat, 160
 Thunburg, 124

Holocentres, of Bloch, 112

Holocentrum, (*Ariedi*) 123

diadema, 124
 hastatum, 123
 leo, 123
 longipinne, 123
 Orientale, 123
 rubrum, 123
 sammara, 124
 sogho, 123

Holocentrus albofasciatus, 144

amicalis, 176
 Argus, 110
 auratus, 112
 Bengalensis, 114
 cæruleo punctatus, 112
 fasciatus, 110
 Lamarck, 176
 marinus, 110
 lanceolatus, 113
 Maroccanus, 110
 oncus, 113
 punctatus, 112
 quinquelineatus, 114
 quadrilineatus, 121
 salmonoides, 113
 servus, 120
 Surinamensis, 158
 tigrinus, 113
 unicolor, 114
 virescens, 110

Hologymnoses, (*Lacép.*) 255Huro, (*Cuv. & Val.*) 105

nigricans, 105

Hydrargyre swampine, 388

Hydrocyon, (*Cuv.*) 423

brevidens, 429
 falcirostris, 428
 faucille, 423
 hepsetus, 428
 lucius, 429
 scomberoides, 429

Hyodon, (*Lesueur*) 445

clodulus, 446

Hypophthalmus edentatus, 404

Hypophthalmus nuchalis, x. 404

Hypostoma, (*Lacép.*) 414
 etentaculatum, 414

Ikan-Karbaw, 324

Ikan-layer, (fan-fish,) 352

Ikan-sumpit, 328

Isabelita, 175

Isakurrah Tenkee, 614

Ischnosoma bicirrhosum, 448

Istiophorus, (*Lacép.*) 188

Isurus oxyrhynchus, 601

Jacaraqua, 161

Jacob Evertsen, 112

Jaguaraca of Marcq, 123

Jangartoo, (*Russell*) 437

Jara dandree parah, 196

Jerré potoo, 498, 499

Jinagow, (*Russ.*) 443Joel, (*Rondel.*) 227Johnius, (*Bl.*) 153

anei, 153

of Bloch, 302

cataleus, 153

guttatus, 112

humeralis, 153

karutta, 153

maculatus, 153

pama, 153

regalis, 152

ruber, 152

saxatilis, 154

Senegalensis, 153

xanthurus, 154

Julis, (*Cuv.*) 254

cæruleo-cephalus, 256

crotaphus, 255

Gioffredi, 254

Turcica, 254. 256

vulgaris, 254

Jura sucker, 500. 518

Karasche, (*Geoffr.*) 406

Katalai, 302

Katchelé, 302

Katelé, 302

Kingfish, of the Anglo-Americans, 154

Kiphose double bosse, 178

Kitt, of the English, 496

Klip bagre, 408

Kohl-fisch, 485

Kolinska, of the Russians, 290

Koma sorra, 607

Komé, (*Russell*) 439Konam, (*Russell*) 185

Kuddera, (*Russ.*) x. 394
 Kuguroo-parah, 196
 Kunnese, the, 224
 Kurra Wodagahwah, (*Russ.*) 195
 Kurtus, (*Bloch*) 357
 (*Cuv.*) 203
 argenteus, 180
 cornutus, 204
 Indicus, 204
 Kurwa, (*Russell*) 166
 Kyphose, 177

Labeo, (*Cuv.*) 380
 Labrax, (*Pall.*) 244
 (*Cuv.*) 102
 decagrammus, 244
 hexagrammus, 244
 of the Greeks, 103
 Japonicus, 103
 monopterygius, 244
 lagocephalus, 244
 lineatus, 103
 lupus, (*Cuv.*) 102. 273
 mucronatus, 103
 octogrammus, 244
 superciliosus, 244
 Waigiensis, 103

Labre argenté, 256
 anguleux, 124
 ceinturé, 255
 chapelet, le, 164
 Commersonien, 157
 deux croissants, 253
 diagramme, 253
 Diane, 253
 ennéacanthé, 253
 fuligineux, 253
 hébraïque, 256
 hérissé, 253
 hololépide, 152
 iris, 119
 large queue, 253
 large raie, 146. 263
 lisse, 114
 long museau, 170
 macrocéphale, 166
 macroptère, 119
 macrogastrère, 161
 malaptéronote, 253
 marbré, 118
 neustrien, 252
 parterre, 255
 filamenteux, 262
 Plumierien, 156
 quinze épines, 262
 sagittaire, 180
 salmoïde, 117
 six-bandes, 161

Labre sparoïde, x. 119
 tenioure, 255
 tetracanthé, 127
 trilobé, 255
 Labrus, (*Lin.*) 251
 the genus, 370
 Adriaticus, 110
 albovittatus, 255
 Americanus, 253
 auritus, 119
 ballan, 252
 bergilta, 251
 bifasciatus, 256
 bivittatus, 255
 Brasiliensis, 255, 256
 burgal, 258
 carneus, 252
 chanus, 110
 chloropterus, 255
 chogset, 258
 chromis, 155. 303
 chrysops, 258
 cruentatus, 120
 cyanocephalus, 255
 exoletus, 257
 fasciatus, 253
 fuscus, 257
 gibbus, 257
 grunniens, 155
 guttatus, 255
 hassec, 253
 hepatus, 110
 hiatula, 263
 inermis, 253
 jaculator, 180
 Japonicus, 158
 julis, 254
 Lapina, 257
 leopardus, 113
 lunaris, 256
 lineatus, 252
 lunula, 253
 macrolepidotus, 255
 maculatus, 251, 252
 malopterus, 255
 Margaritiferus, 255
 melagaster, 253
 melops, 257
 merula, 252
 mola, 255
 niger, 306
 Niloticus, 262
 obliquus, 153
 ocellatus, 257
 octolineatus, 114
 ornatus, 255
 palloni, 257
 perca, 257
 punctatus, 262

Labrus quinquemaculatus, x. 257

- rubens, 257
- scarus, 253
- Sinkii, 258
- spalatensis, 257
- squeteague, 152. 300
- tetrodon, 256
- tinca, 252. 257
- trichopterus, 220
- trimaculatus, 252
- turdus, 252
- unimaculatus, 257
- variegatus, 252
- venosus, 257
- versicolor, 164
- vetula, 252
- violaceus, 258
- virescens, 258
- viridis, 252. 256

Labyrinthiform Pharyngeals, 217**Lachnolaimus, (Cuv.) 254**

- caninus, 254

- suillus, 254

Læviraia, (Salv.) 613**Lamayellaka, 572****Lamies, (Fr.) 600****Lampreys, the, 618. 654****Lamprillon, 623****Lampries, (Retzius) 200**

- guttatus, 200

Lamproyon, 623**Lates, (Cuv.) 103**

- of the Ancients, 103

- Niloticus, 103. 273

- nobilis, 103

Latté, (Russ.) 175**Latus, of the Ancients, 103****Lavaret, false name of, 421****Lebias, (Cuv.) 387**

- ellipsoidea, 387

- fasciata, 387

- rhomboidalis, 387

Leiche, the, (Brouss.) 605

- Laborde, 606

Leiostome queue jaune, 154**Lepadogaster, 517**

- (Gouan.) 499. 500. 517

- balbis, 500. 518

- Decandolle, 500

- dentex, 501

- Candolii, 518

- proper, 500

- rostratus, 500. 517

- Wildenou, 500

Lepidoleprus, (Risso) 489

- cælorhynchus, 490

- trachyrhynchus, 490

Lepidope argenté, 207

- of Péron, 207

Cuv. Index.

Lepidopus, (Gouan.) x. 207

- argyreus, 207. 346

Lepiscanthus, of Lacépède, 147. 287**Lepisostée spatule, 449****Lepisosteus, (Lacép.) 448****Lepodus saragus, 178. 179****Leptocephalus, (Pennant) 535**

- Morissii, 535

Leptocéphale Spallanzani, 529**Lepturus, (Artesi) 208****Lethrinus, the, 166. 318****Leyognathe argenté, 200****Leuciscus, (Klein.) 381****Liche, the, (Brouss.) 605**

- sineuse, 190

Lichia, (Cuv.) 190

- sinuosa, 190

Licone de mer, 519**Ling, the, 486. 514****Linguatula, (Rondel.) 498****Liparis, 521**

- (Artesi) 502

Loache, pond, 384**Lobotes, (Cuv.) 158**

- Surinamensis, 306

Loche d'étang, 384**Lonchuri, the, 154****Lonchurus ancyllodon, 152. 301**

- barbatus, 154. 301

Lophe cheronecte, 248**Lophie fauvas, 249****Lophius barbatus, 247**

- budecassa, 246

- bufo, 249

- Cornubicus, 247

- dubius, 250

- gibbus, 247

- histrio, 247. 248

- histrio ocel. 248

- histrio pictus, 247

- monopterygius, 247

- parvipinnis, 246

- pictus, 248

- piscatorius, 246. 369

- raninus, 248

- ruber, 249

- setigerus, 246

- stellatus, 249

- vespertilio, 248

- viviparus, 246

Lophobranchii, the, 7. 558**Lophotes, (Giorna) 212****cepedianus, 213****Lopius, proper, (Lin.) 245****Loricaria cataphracta, 414**

- (L.) 413

- cirrhus, 414

- plecostomus, 414

- proper, 414

A a

- Loricaria rostrata, x. 414
 setigera, 414
 Lota, 514
 (*Cuv.*) 486
 elongata, 486
 molva, 514
 Lucio-perca, (*Cuv.*) 109
 Americana, 109
 sandra, 109. 274
 Lump sucker, 519
 Lumpus, 501
 Lupus, of the Romans, 103
 Lutjan of Cayenne, 152
 diacanthé, 153
 gymnocéphale, 108
 hexagone, 124
 microstome, 157
 triangle, 152
 perchot, 160
 trilobé, 117
 Lutjans (of Bloch), the, 112
 Lutjanus acutirostris, 115
 bidens, 257
 erythropterus, 115
 hasta, 157
 Lamarckii, 258
 lunulatus, 112
 luteus, 157
 lutjanus, 115
 Mediterraneus, 257
 Norvegicus, 257
 notatus, 258
 rostratus, 257
 rupestris, 257
 Surinamensis, 157
 trifasciatus, 160
 verres, 257
 virescens, 257
 viridens, 258
 Luvarus imperialis, 203
 Lymne (*Lacép.*) 615

 Macabi, (*Parra*) 444
 Mackerel, the, 181
 the bastard, 355
 cerebellum of, 72
 the common, 38. 181
 derivation of, 333
 the genus, 330
 the little, 182
 swim-bladder of, 93
 Macquaria, from Australia, 307
 Macrogmate armé, 191
 Macrognathus, 354
 pandalus, 191
 (*Lacép.*) 191
 Macropode vert doré, 219
 Macropodus, 362
 (*Lacép.*) 219

 Macropteronote brun, x. 409
 Macropteronotes, (*Lacép.*) 409
 magur, 409
 Macroramphose (*Lacép.*) 268
 Macrourus, (*Bloch.*) 489
 rupestris, 490
 Maculato-striatus, 566
 Mœna, (*Cuv.*) 168
 the genus, 321
 juscum, 169
 radiata, 169
 vulgaris, 168
 Mœnidia, of Brown, 228. 395
 Maigre, the, 292
 at Aunis, 151
 brulé, 152
 of the Cape, 152
 Mais-parah, 197
 Makaira, (*Lacép.*) 188
 blackish, 188
 Mal, of the Swedes, 401
 Malacanthus, (*Cuv.*) 263
 Malacopterygian family, the, 21
 Malacopterygians, what called, 48
 Malacopterygii, 7
 abdominales, 279. 374. 451
 apodes, 522. 539
 subbrachiati, 482
 Malapterurus, (*Lacép.*) 411
 Mallotus, (*Cuv.*) 420
 Malthe, (*Cuv.*) 248
 angusta, 249
 nasuta, 248
 notata, 249
 stellata, 249
 truncata, 249
 Manatia, (*Lac.*) 617
 Mangelang, (*Russell.*) 185
 Mango-fish, 129
 Manti-bukaropamu, 529
 Marquaux batardo, 195
 Marulke, 144
 Mastacembelus, 354
 (*Gronov.*) 192
 Matejuelo blanco, 263
 Mégaloïpe filamenteuse, 443
 Megalops, (*Lacép.*) 442
 cepedianus, 439
 notatus, 439
 oglina, 439
 Meleagris, (*Sh.*) 577
 Mené (*Lacép.*) 201
 Mené, Anne Caroline, 201
 Merlan, 486
 Merlangus, 485
 the, 511
 carbonarius, 512
 pollachius, 513
 vulgaris, 511

- Merle, the, x. 205
 Merluccius, 485. 513
 barbatus, 489
 Merous, the, 111
 Menides, 168
 Mesoprion, 115
 (*Cuv.*) 114
 buccanella, 115
 cynodon, 115
 lunulatus, 115
 monostygma, 115
 quinque lineatus, 115
 rangus, 115
 rapilli, 115
 sillao, 115
 unimaculatus, 115
 uninotatus, 115. 253
 Meunier, le, 381
 Microptère Dolomieu, 159
 Micropterus, (*Lacép.*) 159
 Microstoma, (*Cuv.*) 391
 Micrura, (*Bl.*) 616
 Miller's-thumb, the, 280
 Mobular, 617
 Mocharra, in South America, 170
 Molinesia, (*Lesueur.*) 388
 latipinna, 388
 Molle, 488
 Monacanthus, (*Cuv.*) 573
 Monk-fish, 640
 Monocentris, (*Bl. Schn.*) 147
 of Bloch, 287
 Japonica, 148
 Monoceros, (*Bl. Sch.*) 216
 Monochir, (*Cuv.*) 498
 théophile, 499
 Monodactyle falciforme, 177
 Monopterus, (*Com. & Lacép.*) 529
 Javanensis, 529
 Mookalee parah, 191
 Mookarra tenkéé, 616
 Moon-fish, the, 200
 Moringa, of the Antilles, 527
 Mormyrus (*L.*) 397
 anguilloides, 398
 bané, 399
 de Belbey's, 399
 cannume, 398
 caschive, 398
 cyprinoides, 399
 de Denderah, 398
 dorsalis, 399
 d' Hasselquist, 398
 labiatus, 399
 oxyrinque, 398
 de Salheyhe, 399
 Morrhua, 483
 Motella, (*Cuv.*) 487
 Æglefinus, 509
 Mourines, the, x. 615
 Mucu, the, 208
 Mud-fish, 388
 Mugil, (*Lin.*) 222
 the genus, 365
 albula, 224. 367
 appendiculatus, 225. 443
 auratus, 224
 cæruleo-maculatus, 225
 capito, 224
 cascasia, 225
 cephalus, 223. 365
 chanos, 225
 chelo, 225
 Christian, 225
 cinereus, 225
 cirrhostomus, 225
 corsula, 224
 of Forsk, 224
 crenilabis, 225
 Ferrandi, 225
 labeo, 225
 lineatus, 224
 niger, 226
 parsia, 225
 peradak, 225
 Plumieri, 224
 saliens, 367
 salmoneus, 225. 443
 saltator, 224
 Mugiloides, the, 222
 Mugilomore, Ann Caroline, 255. 443
 Mullet, the mountain, 367
 Mulletts, king of the, 107
 Mullers, (*Lin.*) 131
 Mullus, (properly so called,) 132
 barbatus, 132. 277
 bifasciatus, 132
 imberbis, 107
 multibande, 132
 Russellii, 132
 surmuletus, 132. 278
 trifasciatus, 132
 vittatus, 132
 Muræna, (*L.*) 522
 (*Lacép.*) 523
 (*Thunb.*) 526
 the genus, 539
 anguilla, 524
 annulata, 526
 Balearica, 525
 cæca, 529
 Cassini, 525
 catenatus, 528
 Christini, 528
 colubrina, 522. 526
 conger, 524. 554
 the common, 527. 546
 favaginea, 527

- Muræna fasciata*, x. 526
 grisea, 547
 Helena, 527, 546
 longicollis, 524
 maculosa, 526
 Meleagris, 527
 moringa, 527
 myrus, 524, 525
 mystax, 525
 nebulosa, 528
 nigra, 525
 ondulé, 528
 ophis, 526
 patherina, 527, 547
 picta, 527
 pintade, 527
 pratbernon, 527
 proper, 546
 punctata, 527
 saga, 528
 savanna, 525
 serpens, 526
 sordida, 528
 strongylodon, 525
 talabou, 525
 unicolor, 527
 zebra, 528
Murænoides, (*Lacép.*) 232
Murænophis, (*Lacép.*) 526, 527
 saga, 528
 colubrina, 526
Murenophis étoilé, 528
 gris, 527
Mustela fusca, 487
 maculata, 487
Mustelus, (*Cuv.*) 601
Muttah, (*Russell*), 222
Myletes, (*Cuv.*) 427
 brachypomus, 427
 duriventris, 427
 Hasselquistii, 428
 macropomus, 427
 paco, 427
 rhomboidalis, 427
Myliobatis, (*Dum.*) 615
 bovina, 616
 marginata, 616
Myripristis, (*Cuv.*) 124
 Jacobus, 124
 Japonicus, 124
 parvidens, 124
Mysticetus, of *Aldrovandus*, 490
Mystus, (*Arted. & Lin.*) 402
Myxine, (*L.*) 620
 glutinosa, 622
Myxodes, (*Cuv.*) 231

Nallatemerce, 6. 11
Naseus, the genus, 359

Naseus brevirostris, x. 216
 Carolinarum, 216
 (*Commer.*) 216
 fronticornis, 216
 incornis, 216
 tandock, 216
 tuber, 216
 tumifrons, 216
Nason loupe, 216
Natoo, (*Russ.*) 442
Naucrates, (*Rafin.*) 189
 the genus, 352
 ductor, 352
Nez, le (French), 600
Niphons, (*Cuv. & Val.*) 106
Niphon spinosus, 106
Niqui, of *Pison*, 250
Nettasoma melanura, 528
Nomeus, (*Cuv.*) 193
 Mauriti, 193
 with what confounded, 193
Norée nalaka, 495
Nonnat, what called, 227
Notacanthus, 354
 (*Bl.*) 192
 nasus, 192
Notaptère kapirat, 441
Notemigonus, (*Rafin.*) 438
Notidanus, (*Cuv.*) 602
Notistium, (*Herman*), 188
Notoptère capirat, 534
 fontanes, 537
Notopterus, (*Lacép.*) 440
Novacula coryphæna, 261

Oblada, (*Cuv.*) 168, 320
 communis, 168
Odax, (*Cuv.*) 265
Odontognathe aiguillonné, 440
Odontognathus, (*Lacép.*) 439
Oligopodus, (*Lacép.*) 206
Officier, l', 484
Olistus, (*Cuv.*) 197
Olivaceus, (*Brunn.*) 257
Ombrina Fournieri, 155
Omalius de Hallois, 623
Ompok siluroïde, 402
Opah, of *Pennant*, the, 200
Ophicephali, the, 364
Ophicephalus auranticus, 222
 (*Bl.*) 221
 barca, 222
 chena, 222
 lata, 222
 gachua, 222
 marginatus, 222, 364
 marulius, 222
 punctatus, 222
 sola, 222

- Ophicephalus sowara, x. 222
 striatus, 222
 Ophidie, chinoise, 211
 Ophidium, (*L.*) 535
 aculeatum, 191
 barbatum, 536, 537
 blacodes, 537
 brevibarbe, 536
 dentatum, 537
 glesne, 211
 imberbe, 537
 ocellatum, 537
 Vassali, 536
 virile, 537
 Ophiognathus, (*Harwood*), 531
 ampullaceus, 531
 Ophis hyala, 526
 long-museau, 526
 Ophisurus, (*Lacép.*) 525
 atteman, 526
 guttatus, 526
 ophis, 526
 Opisthognathus, (*Cuv.*) 233
 Sonnerati, 233
 Orcynus, (*Cuv.*) 183
 Oreosoma, the, 290
 (*Cuv.*) 150
 Orphie, (*Belone*), 393
 Orthogoriscus, (*Schn.*) 569
 oblongus, 569, 570
 hispidus, 569
 spinosus, 570
 varius, 569
 Osmere à bandes, 431
 galonné, L', 431
 Osmeri, (*Lacép.*) 428
 Osmerus, (*Arted.*) 419
 the sub-genus, 474
 Osphromene Gal, 220
 Osphromenus, (*Commerson*.) 219, 363
 notatus, 220
 olfax, 220
 vittatus, 220
 Osteoglossum, (*Vandellii*) 448
 Osteorinque fleuriu, 107
 Ostracion, (*L.*) 575
 arcus, 577
 auritus, 577
 bicaudalis, 576
 bicuspis, 576
 concatenatus, 576
 cornutus, 577
 cubicus, 577
 diaphanus, 577
 gibbosus, 577
 lentiginosus, 577
 nasus, 577
 punctatus, 577
 quadricornis, 576
 stellifer, 576
 Ostracion trigonus, x. 576
 triqueter, 576, 577
 tuberculatus, 577
 turratus, 577
 Otolithi, the, 152
 Otolithus, 299
 (*Cuv.*) 152
 guatucupa, 152
 regalis, 152
 rhomboidalis, 152
 ruber, 152, 300
 striatus, 152
 versicolor, 152
 Otter pike, of the English, 126
 Ovum, Commersonii, 569
 Ovoide fusée, 569
 Oxycephas scabrus, 490

 Pacu, (*Spix.*) 424
 Pagellus, 315
 (*Cuv.*) 164
 erythrinus, 316
 Pagrus, 164
 acarne, 165
 bogaraveo, 165
 calamus, 164
 centrodontus, 165
 erythrinus, 165
 lithognathus, 164
 mormyrus, 165
 penna, 164
 totus argenteus, 322
 vulgaris, 164, 315
 Palasorrah, the, 600
 Pamples, what called, 202
 Panieri, 218
 Paningu, (*Renard*), 215
 Pantouffier, (*Res.*) 607
 Panura, (*Marcgr.*) 230
 Paralepis, (*Cuv.*) 131
 Parring, of the Moluccas, 445
 Parrot-fishes, 264
 Pastinaca, (*Adans.*) 613
 grabatus, 615
 runsua, 615
 Pêche lait, the, 193
 naire, of Pondicherry, 103
 pierre, 152, 299
 Pectorales pediculati, 245
 Pedakomé, (*Russell*), 439
 Pedda mottah, 189
 poorawah, 442
 Pegasus, (*L.*) 561
 draco, 562
 laternarius, 562
 natans, 562
 volans, 562
 Pégouze, (*Rondel.*) 498

- Pégouze, of Risso, x. 499
 Peis-rei of Languedoc, 294
 Pei S. Pierre, 518
 poure, 517
 Peisrey of Languedoc, 151
 Pelates, (*Cuv.*) 121
 quinque lineatus, 121
 Pelor filamentosum, 285
 horrida, 285
 Pelors, 146
 obscurum, 147
 Pempheris, (*Cuv.*) 179
 the genus, 328
 mangula, 180
 Molucca, 180
 touea, 179
 Pennatula filosa, 187
 Pentapoda, 166
 Pentapus vittatus, 318
 Peprilus, (*Cuv.*) 202
 crenulatus, 203
 Kurtus allied to, 203
 Perca, (*Cuv.*) 102
 (*Linnaeus*), 101
 acerina, 119
 acuta, 102
 Antarctica, 194
 asper, (*Lin.*) 105
 aurata, 159
 bilineata, 105
 bimaculata, 262
 cabrilla, 110
 ciliata, 102
 cernua, (*Lin.*) 116
 chrysoptera, 156
 cirrhosa, 143
 cottoides, 146
 diagramma, 158
 elongata, 103
 flavescens, 102
 fluvialis, 102
 fluvialilis (*Perch*), 271. 574
 formosa, 156
 gigas, (*Gm.*) 112
 gracilis, 102
 granulata, 102
 grunniens, 157
 guttata, 112
 juba, 157
 labrax, (*Lin.*) 102. 273
 lineata, 107
 lucio-perca, 109. 274
 maculata, 112
 marginata, 102
 marina, 110. 144
 Mitchilli, 103
 nigra, 205
 Nilotica, 103. 273. 294
 Norvegica, 144
 ocellata, 152
 Perca pertusa, x. 158
 picta, 158
 Plumieri, 102
 prognathus, 117
 pusilla, 199
 saltatrix, 194
 saxatilis, 103
 scandens, 218
 Schraitzer, 116
 scriba, 110
 sorrato granulata, 102
 trifurca, 117
 undulata, 153
 unimaculata, 163
 varia, 117
 variabilis, 144
 Volgensis, 100
 zingel, 105
 Perch, the, 101
 black, 117
 cerebellum of, 72
 the common, 102
 cranium of the, 55
 the pond, 119
 the, (properly called so,) 102
 sea, (commonly called,) 110
 triple-tailed black, 306
 Percha pulchella, 124
 Percis, (*Bl. Sch.*) 126
 cancellata, 127
 colias, 127
 cylindrica, 127
 maculata, 127
 ocellata, 127
 semifasciata, 127
 Percoides, the, 101
 the abdominal, 129
 genera linked to the, 19
 the jugular, 125
 supplement on, 270
 thoracic, 101
 Percophis, (*Cuv.*) 127
 Brasiliensis, 127
 Fabre, 127
 Perioptalmus, (*Schn.*) 239
 papilio, 243
 ruber, 240
 Peristedion, (*Lacép.*) 137
 Perro colorado, 257
 Persèque pentacanthé, 105
 triacanthé, 105
 vanloo, (*Risso*) 296
 Pesce balestra, 571
 Pes-Espada, of Monte Video, 347
 Petromyzon, (*L.*) 618. 657
 argenteus, 620
 branchialis, 620. 623
 cirrhatus, 622
 fluvialis, 620
 marinus, 620

- Petromyzon planeri*, x. 620. 623
 rouge, 623
 sucet, 620
Phaëton æthereus, 42
Phalangista, (*Pall.*) 140
Phalangistes acipenserinus, 140
 fusiformis, 140
 loricatus, 140
Pharyngeals, labyrinthiform, 360
Pholis, (*Artedi*) 230
Phycis, (*Art. & Schn.*) 488
 of the ancients, 236
 blenoides, 489
 fusca, 489
 Mediterranean, 488
 ranina, 489
 tinca, 488, 489
Piabucus, (*Cuv.*) 425
Picarel commun, le, 169
 raillard, 170
Pike, the, 460
 of America, 104
 of Chalons, 461
 the common, 389
 frog, 464, 465
 length of the, 463
 perch, the, 109. 274
Pikes, king of the, 465
Pilot, the, 352
 the common, 194
Pilot-fish, 189
Piméloptère bosquien, 178
Pimelepterus, (*Lacép.*) 177
Pimélode aboureal, 403
 scheilan, 406
Pimelodus, (*Lacép.*) 177
 aor, 403
 bilineatus, 403
 biscutatus, 406
 carasius, 403
 carcio, 403
 Cranchii, 468
 conirostris, 406
 Cyclopum, 468
 gagata, 406
 genidens, 405
 Herzbergii, 405
 gulio, 403
 maculatus, 404
 membranaceus, 406
 namdia, 405
 nangra, 403
 octo-cirrhus, 405
 pirinamp, 405
 properly so called, 404
 sebæ, 405
 silondia, 407
 synodontes, 406
Piméloptère du Cap, 178
Pimelopterus marciac, x. 178
Pinguipes, (*Cuv.*) 127
 Brasilianus, 127
Pinnæ spuria, 181
Piquitinga, (*Marcg.*) 395. 442
Pira aca, 574
Plagiostomi (*Desm.*) 594
Plaice, the, 492
Platax, the, 176. 326
Platessa, (*Cuv.*) 492. 514
 achirus, 499
 aquosus, 496
 aramaca, 496
 Argus, 497
 bilineatus, 499
 Borealis, 493
 Boscii, 496
 cardina, 496
 Commersonien, 498
 flesus, 514
 hippoglossus, 494
 hirtus, 496
 jerreus, 498
 lævis, 496
 lascaris, 498
 latus, 493
 limanda, 494
 limanoïdes, 495
 lineatus, 499
 macrolepidotus, 495. 496
 maculosus, 496
 mancus, 597
 maximus, 495
 mollis, 499
 nudus, 496
 ocellatus, 498
 Orientalis, 498
 Pan, 498
 passer, 493
 plagiusa, 498
 platessa, 514
 pola, 493
 punctatus, 496
 rhombus, 326. 495
 Rondeletii, 491
 solea, 497
 trichodactylus, 499
 triocellatus, 496
 unimaculatus, 496
 zebra, 491
Platycephalus, (*Bl.*) 142
 dormitator, 142. 241
 endractensis, 142
 sexatilis, 142
 sihamus, 123
 spatula, 243
 undecimalis, 142
Platyptera melanocephala, 244
 trigonocephala, 244

- Platypterus*, (*Kuhl. & Van Hasselt.*) x.
 244
Platystacus anguillaris, 410
 (*Bl.*) 411
 cotylephorus, 413
 lævis, 413
 verrucosus, 413
Plectognathi, the, 7. 563
 what called, 19
Plectropoma, (*Cuv.*) 114
 puella, 114
 melanoleucum, 114
Plectorynque, (*Lacép.*) 157
Plectropome punctué, 114
Plesiops, (*Cuv.*) 263
Pleuronectes, (*L.*) 491
 adalah, 495
 arel, 499
 diaphanus, 497
 erumei, 495
 flesus, 493
 lunatus, 497
 mangilii, 498
 microchirus, 498
 nalaka, 496
 ornatus, 517
 planus, 494
 plagiusa, 499
 plagusia, 499
 platessa, 492
 podas, 497
 potoüs, 499
 rhomboides, 497
 rhombus, 516
 stellatus, 494
Plotosus, (*Lacép.*) 409
 cæsius, 410
Pœcilia, (*Schn.*) 387
 cænicola, 387, 388
 calaritana, 387
 multilineata, 387
 fasciata, 388
 Schneideri, 387
 Surinamensis, 387
 unimacula, 387
 vivipara, 387
Pogonate doré, 305
Pogonathe courbine, 155
 doré, 154
Pogonatus auratus, 412
 courbin, 412
Pogoniæ, the, 302
Pogonias, (*Lacép.*) 154
 fascé, 154
Poisson loup, 462
 St. Pierre, 356
Poissons, histoire naturelle des, 11. 12
Pole of Belon, the, 498
Pollock, the, 485. 513
Polooso-parah, x. 196
Polyacanthus, 362
 (*Kuhl.*) 218
Polydactyle plumier, 130
Polynemus, (*Lin.*) 129
 Americanus, 130
 decadactylus, 130
 enneadactylus, 130
 Niloticus, 378
 Paradiseus, 129
 plebeius, 130
 quinquarius, 129
 sextarius, 130
 tetradactylus, 130
 uronemus, 130
Polyodon, (*Lac.*) 591
 feuille, 591
Polyprion, (*Cuv.*) 116
 cernium, 117
Polypterus, (*Geoffr.*) 449
 bichir, 450
 Senegalus, 450
Pomacanthus, (*Cuv.*) 176
Pomacentre croissant, 173
 paon, 160
Pomacentrus, (*Quoy & Gaym.*) 160
 (*Lacép.*) 160
 emarginatus, 160
 punctatus, 160
Pomatome Skib, 194
Pomatomus, (*Riss.*) 107
 telescope, 108
Pomolobus, (*Rafin.*) 438
Pomotis vulgaris, 119
 (*Cuv.*) 119
Poorwa, (*Russ.*) 442
Porcus bayad, 403
Pounder, the, 443
 Poure, 572
Premnas, (*Cuv.*) 160
 unicolor, 160
Prêtre, le, 227
Priacanthus, (*Cuv.*) 119
Prieglers of Holstein, 332
Priodon, (*Cuv.*) 216
 annularis, 216
Prionotes, 136
Prionure microlépidote, 215
Prionurus, (*Lacép.*) 215
Pristigaster, (*Cuv.*) 440
 Cayanus, 440
 tardoore, 440
Pristopoma, (*Cuv.*) 156
 caripa, 157
 coro, 157
 guoraca, 157
 hasta, 157
 nageb, 157
 paikelli, 157

Pristis, (*Lath.*) x. 608
 antiquorum, 608. 641
 cirrhatus, 608
 cuspidatus, 608
 microdon, 608
 pectinatus, 608
 semi-sagittatus, 608
 Psettus Commersonii, 177
 rhombeus, 177
 sebæ, 177
 Pteraclis, (*Gronov.*) 206
 velifer, 206
 Pterois, (*Cuv.*) 144
 Pyra pixanga, 112

 Quiebra-acha, 191

 Raasch, the, 411
 Raie, fabronienne, la, 617
 Raia, (*Cuv.*) 612
 aquila, 616. 651. 653
 aspera, 613
 asterias, 613
 Banksiana, 653
 batis, 612. 650
 cephaloptera, 617
 clavata, 612. 614. 649
 flagellum, 616
 fullonica, 613
 giorna, 617
 Gesneri, 614
 halavi, 610
 Jamaicensis, 615
 Jussieui, 616
 lymna, 614
 maclura, 615
 manatia, 653
 miraletus 613
 Nieuhowii, 616
 narinari, 616
 oculata aspera, 612
 orbicularis, 615
 oxyrhincus major, 612, 613
 pastinaca, 614. 651
 quadriloba, 616
 rostellata, 613
 rubus, 612
 rudula, 613
 sabina, 614
 sephen, 614
 timlei, 611
 torpedo, 611
 undulata, 613
 Raie Banksienne, 617
 bordée, 613
 chardon, 613
 chinoise, 610, 611
 croisée, la, 615
 Cuvier, 613

Cuv. Index.

Raie giorno, x. 617
 lentillat, 613
 ondée, 613
 tuberculée, 614
 Raii, of the Nile, 428
 Ramado of Nice, the, 224
 Raniceps, 489
 Rason l' écluse, 261
 Ray, rough, 612. 649
 the sting, 614
 Rays, 643
 Razor-fish, 261
 Regalec lancéolé, 211
 Regalecus glesne, 211
 maculatus, 210
 remipes, 211
 Requin (French), 599
 à nageoires noires, 600
 Rhina, (*Sch.*) 610
 ancylostomus, 610
 Rhinobdella, (*Bl. Schn.*) 191
 aral, 191
 Rhinobatus, (*Schn.*) 609
 Djiddensis, 609
 electricus, 610
 lævis, 609
 rhinobatus, 610
 thouin, 610
 Rhinoptera, the, 616
 Rhombus, 515
 (*Cuv.*) 495
 barbatus, 516
 candidissimus, 497
 polus, 498
 maximus, 515
 Rhynchobdella, 354
 halepensis, 192
 Orientalis, 191
 Riband-fish, 206
 Rinelepis aspera, 414
 Roblots of Picardy, 332
 Roschal, the, 429
 Rouge-gueule, 305
 Roussette, of Gunner, 598
 Roussea at Marseilles, the 165
 Rrypticus, (*Cuv.*) 116
 arenatus, 116

 Sabran of Commerson, 445
 Sabre of Commerson, 445
 Saccopharynx, (*Mitchell*) 531
 flagellum, 531
 Sagre, the, (*Brouss.*) 604
 Saida, the, 484
 Sailors, the, 351
 Sairis hians, 394
 (*Rafin*) 394
 Salanx, (*Cuv.*) 392
 B b

- Salarías, (*Cuv.*) x. 231
 quadripinnis, 231
 Salema, (*Marcgr.*) 163
 Salmlet, of the English, 418
 Salmo, (*L.*) 415. 468
 Ægyptius, 430
 alpinus, 418
 albula, 422
 anostomus, 425
 argentinus, 425
 Badi, 431
 bimaculatus, 425, 426
 falcatus, 428
 clupeoides, 422
 conirostris, 431
 curima, 424
 cyprinoides, 424. 430
 dentex, 428. 429
 edentulus, 424
 eperlanus, 420. 474
 foetens, 431
 fario, 418
 filamentosus, 433
 fasciatus, 424
 Frederici, 424
 gibbosus, 425
 Grœnlandicus, 420
 hamatus, 416
 hucho, 417
 intermedius, 431
 Lemanus, 417
 marœnula, 422
 marœna, 422
 marmoratus, 418
 melanurus, 425
 Mexicanus, 431
 microps, 431
 minutus, 431
 myops, 431
 Niloticus, 428. 430
 odoe, 428
 ophiodon, 431
 oxyrhincus, 421
 peled, 423
 punctatus, 418
 rhomboides, 426
 Schiefermulleri, 416
 salar, 416. 468
 salvelinus, 418
 saurus, 431. 447
 sikus, 423
 silus, 423
 tœniurus, 424
 thymallus, 421
 thymallus latus, 422
 truncatus, 431
 trutta, 417
 tumbil, 431
 umbla, 419

 Salmo unimaculatus, x. 424
 Wartmanni, 422
 Salmon, entrance into rivers of, 469
 growth of, 473
 maxillary bones of, 56
 shoals of, 470
 spawning of, 472
 rapid swimming of, 471
 Salmon-trout, 417
 Salmone varié, 431
 Salmonidæ, 415
 Saltator, (*Commers.*) 231
 Saluth of the Swiss, 401
 Salviani, 162
 Sandkruyper of Renard, 142
 Sansonnets, of the French, 182
 of Normandy, 332
 Sarda, (*Cuv.*) 184
 of Rondelet, 185
 Sar de Toulon, 310
 Sardes à plumes, 164
 Sardine de la Martinique, 437
 Sargue de Rondelet, Le, 162
 Sargus, (*Cuv.*) 162
 annularis, 162
 raucus, 162
 Rondeletii, 309, 310
 vulgaris, 162
 Sarikulla, (*Russ.*) 153
 Sauclet, of Languedoc, 227
 Saumoneau, of the Rhine, 418
 Saurel, the, 355
 Saurels, 195
 Saurus, (*Cuv.*) 430
 maximus, 443
 Savala, (*Russell*) 208
 Savalli, the, 443
 Savonnier, 116
 Saw-fish, 641
 Scampirro, of Sardinia, 336
 Scarcina argyrea, 207
 imperialis, 210
 quadrinaculata, 210
 Scare bridé, 265
 denticulé, 265
 ennéacanthé, 265
 Scarus, (*Lin.*) 263
 cæruleus, 265
 Capitaneus, 265
 Catesby, 265
 chadri, 265
 chloris, 265
 chrysopterus, 265
 coccineus, 265
 Cretensis, 264
 creticus, 264. 371
 gallus, 220. 256
 with blue jaws, great, 265
 guacamaia, 265

Scarus loro, x. 265
 psittacus, 265
 pullus, 266
 Schlosseri, 180
 spinidens, 265
 tæniopterus, 265
 vetula, 265
 viridis, 265
Scatharus, 320
Sclerodermata, 7
 Scheid of the Germans, 401
Schelfisch, (*Anderson*) 484
Schilbe, 402
Sciæna proper, (*Cuv.*) 151
 the, 292
 aquila, 293. 296
 argyrea, 170
 barbata, 302
 cirrhus, 154. 294. 295
 coro, 157
 cylindrica, 127
 diacantha, 102
 formosa, 113
 fusca, 155
 guterina, 157
 ghanam, 159
 gigas, 155
 grandoculis, 164
 harak, 166
 hamruhr, 120
 hololepidota, 298
 imberbis, 152
 jaculatrix, 180
 Japonica, 148
 jerbua, 120
 kasmira, 114
 lineata, 103
 macrolepidota, 241
 maculata, 241
 mahsena, 166
 Malabarica, 123
 murdjan, 124
 nageb, 157
 nebulosa, 154
 nigra, 152. 153. 294. 295
 pama, 299
 Plumieri, 102
 sammara, 124
 shotaf, 157
 spinifera, 123
 umbra, (*Cuv.*) 151. 295
 undecimalis, 104
Sciène rayée, 105
Sciænoïdes, the, 150. 291
 genera linked to the, 19
Sclerodermes, 570
Scolopsides, the, (*Cuv.*) 159. 306
 kurita, 159
 lycogenis, 159

Scolopsides kate, x. 159
Schomber, the genus, 330
 (*Cuv.*) 181
 aculeatus, 191
 alalonga, 183
 amia, 190
 atun, 186
 bisus, 184
 brachypterus, 183
 calcar, 190
 canagurta, 182
 carangus, 196
 chloris, 193
 chrysos, 196
 cobias, 182
 colias, 335
 Commersonii, 185
 cordyla, 195
 coretta, 183
 crumenophthalmus, 195
 dentatus, 186
 dentex, 196
 ductor, 189
 edentulus, 200
 equula, 170. 200
 falcatus, 191
 fasciatus, 193
 Forsteri, 190
 gladius, 188
 glaucus, 190
 grex, 182
 guttatus, 185
 hippos, (*Lin.*) 195. 196
 ignobilis, 196
 Kleinii, 196
 lactarius, 193
 lysan, 191
 maculatus, 185
 Malabaricus, 196
 minutus, 201
 niger, 189
 palamitus, 185
 pelagicus, 200. 205
 pelamys, 183
 Plumieri, 195
 pneumatophorus, 182. 334
 ponticus, 185
 regalis, 185
 rhombeus, 177
 Rotleri, 195
 ruber, 195
 saliens, 191
 sansun, 196
 sarda, 184
 scombrus, 181
 speciosus, 196
 thunina, 183
 thynnus, 182. 335
 trachurus, 195

- Scomber vernalis*, x. 182
 zonatus, 193
Scomber-esox equirostris, 394
Scomber-esox (*Lacép.*) 394
Scomber-esox scutellatus, 394
Schomberoïde Commersonien, 190
Schomberoïdes, the, 181. 328
Schomberomore plumier, 185
Scombres Laroche, 184
Scombrésoce campérien, 394
Scombri, the, 181
Scopelus, (*Cuv.*) 432
 of Pennant, 424
Scorpena, (*Linn.*) 133. 143
 (*Cuv.*) 143
 Americana, 141
 antennata, 145
 brachion, 147
 bufo, 143
 Capensis, 144
 carinata, 146
 cirrrosa, 143
 diabolus, 143
 dactyloptera, 144
 didactyla, 147. 285
 flava, 141
 horrida, 147
 Kœnigii, 145
 Malabarica, 144
 monodactyle, 146
 papillosa, 144
 plumier, 144
 porcus, 143. 282
 scropha, 143. 281
 venosa, 144
 volitans, 145. 282
Scorpène aiguillonnée, la, 160
 de Waigiou, 117
Scyllium, (*Cuv.*) 597. 631
Scyrnus, (*Cuv.*) 605
Scyris, (*Cuv.*) 197
Sea-devil, 246
Sea-eagle, the, 616
Sea-gudgeons, 235
Sea-horse, the, 560
 of the Cape, (*Dutch.*) 284
Sea-locust, 283
Sea-pike, 393
Sea-snipe, 268
Sebastes, (*Cuv.*) 144
 imperialis, 144
 Norvegicus, 144
Seer-fish, what called, 345
Seepaard, the, 284
Selache, (*Cuv.*) 603
Selachii, 7
Selacii, 594
Selène argentée, 198
 quadrangulaire, 198
Sept-œil, x. 620
Seriola, the, 354
 (*Cuv.*) 192
 bipinnulata, 193
 cosmopolita, 193
 Dumerilii, 354
Sériole, (*Dum.-Ris.*) 193
 de Rafinesque, 193
Serpe balbo, 432
 crocodile, 432
 Humboldt, 432
 microstome, 391. 432
 of Risso, 425
Serpens marinus compressus lividus, 186
Serpes, (*Lacép.*) 425
 of Risso, 432
Serra-salmes, 426
Serra-salmes aureus, 426
Serra-salmes mento, 426
Serra-salmes piraya, 426
Serra-salmo chalcus, 426
Serra-salme citharine, 430
Serran bourignon, 113
Serrani, the, (properly so called,) 110
Serranus, (*Cuv.*) 109
 altevelis, 113
 bontoo, 112
 cabrilla, 110
 flavo-cæruleus, 113
 fascicularis, 110
 flavus, 110
 geographicus, 113
 oculatus, 111
 phaëton, 113
 radialis, 110
 sarnicus, 276
 suillus, 112
 vitta, 110
Seserinus, (*Cuv.*) 203
 Rondeletii, 203
Sey, the, 485
Shark, hammer-headed, 607. 640
 basking, 638
 white or common, 599. 631
 fox, 635
Sharmuth, 409
Sheephead, of the Anglo Americans,
 162
Sheep's-head, of the United States, 311
Siganus, (*Forsk.*) 214
 rivulatus, 214
 stellatus, 214
Sillago, (*Cuv.*) 122
 domina, (*Cuv.*) 122
 maculata, 123
Silurus, (*L.*) 399. 466
 anguillaris, 409
 asotus, 401
 ascita, 407

Silurus aspredo, x. 413
 attu, 401
 auritus, 402
 batrachus, 409
 bimaculatus, 401
 bagre, 404
 bayad, 403
 callichthys, 410
 cæcutiens, 402
 candiru, 402
 carinatus, 408
 cataphractus, 408
 chinois, 401
 catus, 405
 clarias, 404. 406
 cornutus, 268. 411
 costatus, 407
 docmac, 403
 the electric, 411
 electricus, 411
 erythropterus, 403
 fasciatus, 403
 fossilis, 401
 glanis, 401
 hemiliopterus, 404
 hexadactylus, 413
 imberbis, 142. 412
 inermis, 407
 marinus, 404
 lima, 403
 mystus, 402
 quadrimaculatus, 405
 militaris, 407
 schal, 406
 proper, (*Lacép.*) 401
Skate, the, 612. 649
Smaris, the genus, 321
 (*Cuv.*) 169
 alcedo, 169
 cagarella, 169
 lineatus, 170
 vulgaris, 169
Smelt, the, 474
 Soap-maker, 116
Soffieta of Rome, 373
Sole, the common, 517
 cornue, 498
Solea, 517
 (*Cuv.*) 497
 oculata, 498
Solenostoma, (*Seb. & Lacép.*) 561
Somdrum-kara-mottee, 204
Soring, (*Russ.*) 123
Sorrakowah, 600
Spada maxima, 209
Spare Atlantique, 112
 branchion, 255
 breton, 170
 chrysomelane, 113

Spare demilune, x. 115
 hemisphère, 255
 holocyanose, 265
 lepisure, 114
 rougeor, 265
 sanguinolent, 112
 sauteur, 194
Sparoïdes, the, 162. 303
Sparus, (*Cuv.*) 162
Abildgardii, 265
 acutirostris, 163
 argenteus, 164. 179
 argyrops, 164
 aurata, 163
 boops, 167
 berda, 164. 165
 bogaraveo, 165
 brama, 167
 bufonites, 163
 calamara, 164
 castaneola, 178. 179
 cantharus, 167
 centrodontus, 165. 314
 chærorhynchus, 166
 chlorurus, 253
 chromis, 261
 chrysurus, 115
 compressus, 328
 cretus, 255
 crenidens, 163
 cuning, 170
 cynodon, 166
 dentex, 166. 317
 erythrinus, 115. 165. 316
 fasciatus, 253
 formosus, 252
 haffara, 163
 hasta, 163. 164
 insidiator of Pallas, 30. 259
 macropthalmus, 166. 317
 mæna, 168
 Malabaricus, 115
 melanurus, 168
 mormyrus, 165. 397
 ovis, 162. 311
 mylio, 164
 oblongus, 263
 pagrus, 164. 165
 pantazzo, 162
 perroquet, 163
 puntazzo, 163
 radiatus, 169. 253
 Raii, 178. 179
 rayé d'or, 166
 salpa, 167. 316
 sarba, 163
 smaris, 169
 spinifer, 164
 Surinamensis, 262

- Sparus synagris*, x. 115
 tetracanthus, 115
 tricuspidatus, 169
 virginicus, 157
 vittatus, 157. 166
Spatularia, (*Sh.*) 591
Sphagebranchus, (*Bl.*) 528
 imberbis, 529
 rostratus, 529
Sphéroïde tuberculé, 568. 569
Sphyræna, (*Bl.*) 224
 (*Bl. Sch.*) 130
 barracuda, 131
 picuda, 131
Spyrène ouvert, 104
 spet, 130
Sphyrna, (*Rafin.*) 606
Spinax, (*Cuv.*) 604
Spirobranchus Capensis, 221
 (*Cuv.*) 221. 363
Squale bouclé, 606
 glauque, 600
 liche, 606
Squalus, (*L.*) 596
 acanthias, 604
 Africanus, 598
 Americanus, 605
 barbatus, 598
 barbillon, 598
 brevipinnis, 606
 canicula, 597, 598. 630
 carcharias, 599. 605. 631
 carcharia minor, 600
 catulus, 597, 598. 631
 centrina, 605
 ciliaris, 600
 cinereus, 602
 Cornubicus, 599, 600
 écailleux, 606
 of Edwards, 598
 elephas, 603
 fasciatus, 598
 galeus, 601
 galonné, 598
 glauca, 600
 griseus, 602
 lobatus, 598
 longicaudus, 598
 maximus, 603. 638
 Monensis, 601
 mustelus, 602
 nez, 601
 nicéen, 605
 Philippi, 604
 pointillé, 598
 prionurus, 598
 pristis, 608
 punctatus, 598
 spatula, 591
Squalus spinax, x. 604
 spinosus, 606
 squamosus, 606
 squatina, 607. 640
 stellaris, 597, 598
 tiburo, 607
 tigre, 598
 tigrinus, 598
 ustus, 599, 600
 uyatus, 604
 vacca, 602
 vulpes, 599. 635
 zygæna, 607
Squamipennes, 171
Squatina angelus, 607. 640
 aculeata, 608
 Dumerilii, 607, 608
Star of the night, of the Arabs, 430
Sternarchus, (*Schn.*) 534
Sternoptyx, (*Herman.*) 433
 diaphana, 433
 Olfersii, 434
Stickleback of the English, 287
 with armed tail, 288
 with naked tail, 288
 small sea, 290
Stock-fisch, 486
Stolephore Commersonien, 442
Stomias, (*Cuv.*) 391
 barbatus, 391
 Schneideri, 392
Stone-bass, 170
 of Jamaica, the, 171
Stromateus, (*Lin.*) 201
 aculeatus, 202
 albus, 202
 argenteus, 202
 candidus, 202
 cryptosus, 203
 fiatola, 202
 griseus, 202
 longipennis, 203
 niger, 202
 paru, 202, 203
 stellatus, 202
Sturgeon, great, 627
 outward form of the, 624
Sturgeons, the, 588. 624
Sturiones, 7. 588. 624
Stylephorus, (*Shaw.*) 211
 chordatus, 211
Sucker, 384
Suckers, the, 617
Sudis, (*Cuv.*) 447
 Adansonii, 448
 gigas, 448
 Niloticus, 448
 pirarucu, 448
Surgeons, vulgar name of, 215

- Suttivara, (*Rus.*) x. 610
 Sword-fish, habits of the, 350
 Sword-fish, the common, 187
 Synanceia, (*Bl. Schn.*) 147
 bicapillata, 147
 brachio, 286
 cervus, 139
 verrucosa, 147
 Synbranchus, (*Bl.*) 530
 immaculatus, 530
 marmoratus, 531
 Syngnathus, (*L.*) proper, 559
 acus, 559
 barbarus, 559
 æquoreus, 560
 fasciatus, 560
 foliatus, 560
 longirostris, 560
 ophidion, 560
 papacinus, 560
 pelagicus, 559
 Rondeletii, 559
 rubescens, 559
 segaliensis, 140
 typhle, 559
 viridis, 559
 Synode chinois, 443
 fascé, 443
 renard, 444
 Synodontis, (*Cuv.*) 406
 Synodus erythrinus, 446
 maturaque, 446
 palustris, 446
 synodus, 447
 tareira, 446
 vulpes, 446

 Tacaud, the, 484. 511
 Tænia altera, 209
 falcata, 209
 prima, 209
 Tænianote, large raie, 146. 263
 Tænianotes, the, 144
 Tænioide Hermannien, 239
 Tænioïdes, 206
 (*Lacép.*) 239
 Tafel-visch, of the Dutch, 324
 Talan-parah, 196
 Tasard, (*Lacép.*) 184
 Tauche de mer, 441
 Taurichtes, the, 175
 Taurichthys varius, 175
 viridis, 175. 325
 Tautoga, (*Mitch.*) 253
 Tchawil-parah, 197
 Tella katchelee, 153
 Temerée, (*Rus.*) 611

 Temnodon, (*Cuv.*) x. 194
 saltator, 194
 Tench, the common, 459
 the sea, 438
 Tenkée kunsu, 615
 Shindraki, 614
 Tetragonopterus, (*Artedi*) 426
 argenteus, 426
 Tetragonurus Cuvierii, 226
 (*Risso.*) 225
 Tetrapturus, (*Rafinesque*) 187
 Tetraodon, (*L.*) 567
 argentatus, 568
 Commersonii, 568. 582
 cutcutia, 568
 electricus, 569. 584
 fabaca, 568
 fluvialis, 568
 geometricus, 568
 Gronovii, 569
 hispidus, 568. 582
 Honkennii, 568
 immaculatus, 568
 lævissimus, 568
 lævigatus, 568
 lagocephalus, 568
 lineatus, 567. 569. 582
 lunaris, 568
 mola, 569
 moucheté, 568
 patica, 568
 physa, 567. 568
 Plumieri, 568
 psittacus, 568
 ocellatus, 568. 583
 reticularis, 568
 rostratus, 568
 Spengleri, 568
 testudineus, 568
 turgidus, 568
 Tetrapturus belone, 187
 Therapon, (*Cuv.*) 120
 puta, 121
 theraps, 121
 Theutis, javus, 214
 hepatus, 215
 Theutyes, 213
 Thornback, 649
 Thryssa, (*Cuv.*) 442
 Thunder of the Arabs, the, 411
 Thymallus, (*Cuv.*) 420
 Thynnus, the genus, 335
 pelamys, 343
 Thyrsites atun, 345
 the genus, 345
 with what connected, 207
 Timucu of Marcgrave, 393
 Tinca, (*Cuv.*) 379
 the, 459

- Tinca vulgaris*, x. 459
Tolparah, (*Russell*) 191
Tomcod, the, 484
Tonilles, (*Fr.*) 600
Torpedo, (*Dum.*) 610
 the galvanic, 611, 642
 marmorata, 611
 narke, 611
 the numbing, 611
 unimaculata, 611
Torpille vulgaire à cinq taches, 611
Toxotes, the genus, 328
 (*Cuv.*) 180
 jaculator, 180
Trachichtys, (*Shaw.*) 125
 Australis, 125
Trachinotus, (*Lacép.*) 191
Trachinus, (*Lin.*) 125. 138
 araneus, 126
 cirrhosus, 145
 draco, 125. 276
 lineatus, 125
 radiatus, 126
 trichodon, 122
 vipera, 126
Trachurus aquilus, 193
 imperialis, 196
Trachipterus, (*Gouan.*) 209
 cristatus, 210
Tree-climber, 218
Triacanthus, (*Cuv.*) 575
Trichodon, *Stelleri*, (*Cuv.*) 121, 122
Trichogaster fasciatus, 218
 trichopterus, 220
Trichonotus, (*Schn.*) 243
 setigerus, 243
Trichopode, mentonnier, 220
 trichoptère, 220
Trichopodus, (*Lacép.*) 220
 bejeus, 218
 chuna, 218
 colisa, 218
 cotra, 218
 lalius, 218
 sola, 218
 Pallasii, 220
 satyrus, 220
Trichopus, 363
Trichiurus, the electric, 348
Trichiurus armatus, 349
 caudatus, 207
 ensiformis, 207
 gladius, 207
 haumela, 208. 348
 lepturus, 208. 347
 medius, 349
 muticus, 349
 savala, 209. 348
Trigla, (*Lin.*) 133, 134
Trigla Adriatica, x. 134
 aspera, 136
 Carolina, 136
 cataphracta, 137
 cuculus, 134, 135
 evolans, 136
 gurnardus, 135. 279
 hirundo, 134. 136. 279
 lineata, 134. 136
 lucerna, 136. 279
 lyra, 135. 279
 obscura, 136
 palmipes, 136
 papilio, 136
 phalæna, 136
 pini, 134. 278
 (properly so called,) (*Cuv.*) 134
 punctata, 136
 rubicunda, 147
 sphinx, 136
 strigata, 136
 tribulus, 136
 volitans, 279
Triodon, 570
 bursarius, 570
 macroptère, 570
Trombetta of Genoa, 373
Trout, maxillary bones of, 56
Trumpet-fish, 373
Trygon (*Adans.*) 613. 651
Tub-fish, the, 279
Tubleu, of the Isle of France, 263
Tunny, cerebellum of, 72
 the common, 182
 the genus, 335
 fishery of the, 338
 striped-bellied, 183
Turbot, 515
Turdus perbellè pictus, 252

Umbra, (*Cramer.*) 388
Ubarana of Marcgrave, 444
Ubirre of Laet, 208
Umbrina, (*Cuv.*) 154. 292
 of the Romans, 151
 Russellii, 154
Unibranchoperturi, (*Lacép.*) 530
Unibranchoperture lisse, 529
Unibranchoperturus cachia, 530
Upeneus, (*Cuv.*) 132
Uranoscopus, (*Lin.*) 127
 affinis, 128
 cirrhosus, 128
 filibarbis, 128
 guttatus, 128
 inermis, 128
 lævis, 128
 lebeck, 128

- Uranoscopus marmoratus, x. 128
 monopterygius, 128
 scaber, 123
 Y græcum, 128
 (*Marcgr.*) 156

 Vackum, (*Valent.*) 170
 mare, 170
 Vadigo, 190
 Vana motta, 431
 Vandellius Lusitanicus, 207
 Vassili-massi, 345
 Vielle tachetée, 252
 Vingeram, (*Russell*) 185
 Vivanet gris, 115
 Vlag-man, 324
 Vogmar, of the Icelanders, 210
 Vomer, (*Cuv.*) 197. 356
 properly so called, 198
 Vraie Limandelle, 493

 Wachnia, the, 484
 Wahla kuddera, 393
 Wallagoo, (*Russell*) 401
 Wallah, (*Russ.*) 445
 Water-dog, the, 429
 Weak-fish, the, 300
 Weaver, common, 126
 great, 125
 Weavers, the, 125
 Wels, of the Germans, 401
 Whiff, of the English, 496
 Whiting, the, 486. 511
 Whiting, of the Anglo Americans, 154
 of Bengal, 153
 Wootin parah, 196
 Wordawahah, (*Russ.*) 170

 Xiphias, (*Lin.*) 186

 Xiphias, the genus, x. 349
 gladius, 187
 Xiphias imperator, 187
 makaira, 188
 platisterus, 188
 (proper) (*Cuv.*) 187
 velifer, 188
 Xiphostoma Cuvieri, 429
 Xisteres, 177
 Xyrichthys, (*Cuv.*) 260
 novacula, 260

 Zeus, (*Linn.*) (*Cuv.*) 199
 argentarius, 201
 ciliaris, 198
 faber, 199
 gallus, 198
 guttatus, 200
 imperialis, 200
 insidiator, 201
 luna, 200
 maculatus, 201
 niger, 198
 proper, 356
 pungio, 199
 regius, 200
 rostratus, 198
 setapinnis, 199
 Zeus sutor, 198
 Zeus vomer, 198
 Zeyl-vish, (sail-fish,) 352
 Ziphotheca tetradens, 207
 Zoarcus, (*Cuv.*) 233
 labrosus, 234
 viviparus, 234
 Zygæna, (*Cuv.*) 606
 malleus, 607. 640
 nobilis, 607
 tudes, 607

FOSSIL REMAINS.

VOL. XI.

Adapis, the, FOSSILS, 112
Ætobates, 430
 Alligator, 180, 181. 185
Alligatores, 202
 Alluvial, what strata called, 24
Ammodytes, 424
 tobianus, 424
Ammonicus striatus, 482
Ammonites, the, 442, &c. 479
 sphæricus, 482
Amphibia, Classis, 202
Anarrhycas lupus, 426
Anenchelum, (*Blainv.*) 393
 Glarisianum, 393
Anguis, 282
 Animal of the Ohio, 63
 Animal of Paraguay, 132
Anoplotheria, the, 109. 250
 proper, the, 110.
Anoplotherium, (*Cuvier*) 105
 commune, 110
 gracile, 110
 leporinum, 111
 medium, 110
Antracotheria of the lignites, 250
Antracotherium, the, 112
Aperea, 131
Astraites, 502
Astreææ, the fossil, 502
Astræa dendroidea, 503
Astropodium elegans, 513
Auricula ringens, 463

Baculites, the, 441
Balæna, 228
 fossil, 144
Balinus terebellatus, 463

Balistes, FOSSILS, 404
 dubius, 404
Batrachian reptiles, fossil, 332
Bats, humerus of, 160
Bauman, cavern of, 13
Bears, fossil, 118
Behemoths of the Arabs, 50
Belemnites, the, 437. 444. 483
 macronatus, 449
Bellerophon, 483
Birds, femora of, 157
 fossil, 151
 head of, 158
 humerus of, 160
 tibia, 159
Blennius, 423
 cuneiformis, 423
 ocellaris, 423
Blochius 423
 longirostris, 423
Breccie, the, 447
Bronita, 495

Cachalots, the, 143
Callionymus, 423
 Vestenæ, 423
Cameleons, articulation of, 156
Cameleon, head of the, 292
Campagnol, 129
 hypudæus, 130
Cancer Mænas, (*Lin.*) 369
Carcinite, 491
Cardia rustica, 459
Carnivora, the fossil, 117
Caryophylli, 514
Cayman, the, 177, 178. 180. 185
 with bony eyelids, 190

 C C 2

- Cayman, the pike-muzzled, FOSSILS, 187
 the spectaclad, 188
 Caymans, distinction of the, 222
 Centriscus, 405
 aculeatus, 405
 longirostris, 405
 velitarius, 405
 Ceratophytes, 498
 Cerithium, 489
 gigas, 490
 Cetacea, fossil, 143
 teeth of, 307
 Chæropotamus, the, 111
 Chætodon, 417
 arcuatus, 418
 Argus, 418
 asper, 418
 aureus, 420
 canescens, 419
 canus, 420
 chirurgus, 419
 ignotus, 419
 lineatus, 420
 macrolepidotus, 419
 mesoleucus, 419
 nigricans, 419
 orbis, 420
 papilio, 420
 pinnatiformis, 417
 pinnatus, 417
 rhomboides, 401
 rhombus, 419
 rostratus, 420
 saxatilis, 419
 striatus, 418
 subarcuatus, 418
 subaureus, 420
 substriatus, 418
 subvespertilio, 417
 triostegus, 420
 velifer, 421
 vespertilio, 417, 418
 Champses, (*Herodotus*) 193
 Chamses of the Ancient Egyptians, 186
 Chelonia Mydas, 260
 Chelonian reptiles, 260
 Chelydes, coracoïd bone of the, 267
 Clupea, 393. 397. 399. 410
 Bernardi, 425
 brevissimus, 425
 cyprinoides, 410
 Davilei, 399
 dentesse, 425
 dubia, 399
 elongata, 399
 evolans, 410
 Knorrii, 399
 Lametherii, 397
 Clupea, megaptera, FOSSILS, 394
 murænoides, 410
 Scueuchzeri, 394
 sprattiformis, 399
 Clypeastra, 495
 Cornua ammonis, 479
 Coryphæna apoda, 421
 hippurus, 426
 Cottus, 423
 bicornis, 423
 Crinoïdea, 514
 Crocodile, 180
 Crocodile of Adanson, the black, 177,
 178. 198
 the American, 177
 articulation of, 156
 of Caen, 236
 of Ceylon, 177
 the common, 178. 181
 the double-crested, 197
 of the Ganges, 177. 200
 of the Ganges, common, 175
 of the Ganges, long-backed, 178
 of Lacépède, 178
 the lozenge, 197
 of the Nile, common, 191
 properly so called, 186
 the sacred, 194, 195, 196
 of Siam, 183
 slender-muzzled, 190
 Crocodiles, fossil, 174
 osteology of living, 204, &c.
 Crocodili, 203
 longirostres, 204
 Crocodilus, (genus) 202
 acutus, 203
 acutus, (*Cuv.*) 198
 Africanus, 177
 Africanus of Laurenti, 178
 biporcatus, 183. 197. 203
 biscutatus, (*Cuv.*) 198. 203
 cataphractus, (*Cuv.*) 199. 204
 cazrinatus, 183
 galeatus, (*Cuv.*) 198. 203
 Gangeticus, 204
 Lacerta, 178
 lucius, 187. 202
 longirostris, 183
 longirostris, (*Sch.*) 200
 Niloticus, (*Daud.*)
 oopholis, 183
 palmatus, 183
 palpebrosus, 183. 190. 192. 202
 palpebrosus, head of the, 222
 pentonix, 183
 priscus, 233. 234. 241. 316
 porosus, 183. 197
 priscus, 241
 rhombifer, 197. 203

- Crocodylus sclerops*, FOSSILS, 183. 188.
 192. 212
 tenuirostris, (*Cuv.*) 201. 204
 terrestris, 177
 terrestris, of *Laurenti*, 178
 trigonatus, 183. 191. 202
 vulgaris, (*Cuv.*) 191
 vulgaris, 203
Crustacea, 490
Crustacite, 491
Cuckoo, the petrified, 152
Cyclopterus lumpus, 404
Cylindrita, 507
Cyprinus, 426
 bipunctatus, 426
 capito, 426
 jeses, 426
 squamosseus, 426

Dapedium, 392
 politum, 235
Delphinus frontatus, 142
Depedium politum, 390
Dichobunes, the, 110
Diluvial, what strata called, 24
Diodon, 405
 orbiculatus, 405
 reticulatus, 405
Dolphins, 250
 fossil, 141
Dormouse, 129
Dracæna, of *Lacépède*, 290
Draco volans, 326
Dracona, of *M. Lacépède*, 327

Edentata, fossil, 131
Echinus, 495
Echinitis, 495
Echinometra, 495
Echinodermata, 495
Elasmotherium, the, 89
 named by *Fischer*, 34
Elephant found in America, the fossil,
 55
 the fossil, 10. 41
 carnivorous, 63
 found by the *Tungoose fisherman*
 in 1799, 8. 52
Elephas primigenius, 59
Elops macropterus, 397
Emydes, the, 257
Emys of *Aristotle*, 269
 centrata, 276
 expansa, 257. 273. 275. 276
 serpentina, 258. 273
 serrata, 265. 273. 274.
Encrinus, 504

Encrinus liliiformis, FOSSILS, 508
 ramosus, 511
Encrinites testudinarius, 512
Eschare, 496
Esox, 397. 400. 407
 acutirostris, 400
 bellone, 400. 407
 Eislebensis, 397
 falcatus, 408
 incognitus, 398
 longirostris, 407
 lucius, 408. 426
 macropterus, 408
 syphæna, 407
 vulpes, 408
Exocetus, 410. 411
 exiliens, 411

Father of oxen, what called, 64
Felis spelæa, 127
 antiqua, 127
Felinæ, fossil, 126
Fibularia, 495
Fish, flying, 410
 fossil, 382
Fistularia, 407
 Bolcensis, 407
 Chinensis, 407
 dubia, 407
 petunha, 407
Flustrum, 496
Fossil balæna, 144
 batracian reptiles, 332
 bears, 118
 birds, 151
 carnivora, the, 117
 cetacea, 143
 crocodiles, 174
 dolphins, 141
 edentata, 131
 fish, 9. 382
 felinæ, 126
 hyæna, 124
 insects, 20
 lamantins, 140
 mammalia, 1
 man, pretended, 333
 marine mammalia, 139
 narwhals, 143
 phocæ, 139
 remains of vertebrated animals,
 1. 432
 reptiles, 19. 166
 rodentia, 129
 ruminantia, 113
 saurians, 299
 tortoises, 252
 vegetables, 20

Fossils, marine, FOSSILS, 6

Fouette-queue, 178. 181

Frogs, articulation of, 156

Gadus, 423. 426

merluccius, 423

Gavial, the 178. 186

the great, 200

the little, 201

noticed by Ælian, 175

Gavials, distinction of the, 222

Geckos, 291

Geosaurus, of Cuvier, 316

Gobius, 423

barbatus, 423

Smyrnensis, 409. 423

Veronensis, 423

Gryphææ, 488

Gryphites, 488

Herring, 393. 397. 399. 410

Hieracites, 151

Hipponyces, the, 440

Hippopotamus, the fossil, 10. 77

the little fossil, 82

the middle fossil, 83

Holocentrus, 414

calcarifer, 414. 415

lanceolatus, 415

macrocephalus, 415

maculatus, 415

sogho, 415

Horses, the fossil, 91

Hyæna, the fossil, 124

Hyperoodon, of M. Lacépède, 305

Hyperoodontes, the, 143

Hypudæus, the, 130

Ichthyodontes, 427

Ichthyolites, of Glaris, 385

of Iceland, 390

localities of, 388

Ichthyosaurus, the, 29. 286. 343. 344.

abundant in England, 347

communis, 351. 352. 357. 364

intermedius, 352. 358

platyodon, 352. 358. 365

ribs of, 361

shoulder and sternum of, 361

tenuirostris 352. 358. 364

vertebræ of, 359

Ichthyospondyles, 426

Iguanas, 291

Iguanodon, 31

Insects, the fossil, 493

Invertebrated animals, fossil remains of,
432

Jurassic, what strata called, 27

Koslordylos, (modern Greek,) FOSSILS,
186

Krokodile noir du Niger, 191

Kurtus velifer, 421

Labrus, 416

bifasciatus, 417

ciliaris, 416. 417

Julis ? 398

melapterus, 417

merula, 416

punctatus, 416

rectifrons, 417

turdus, 416

Lacerta of Linnæus, 281

agilis, 290

alligator, 178

ameiva, 284. 290. 294. 309

bicarinata, 284. 290

caudiverbera, 178

crocodilus, 178

crocodilus, (*Lin.*) 192

dracæna, 294

Gangetica, 178. 200

gigantea, 318

monitor, 302

Nilotica, 284

teguixin, 284. 289. 294. 309.

317

Lagomys, 35. 129

Lamantins, 140. 250

Land-tortoises, 252

articulation of, 156

Lapis pentagonus, 507

Lilium lapideum, 508. 509

Lirostrites, (*Lamarck*) 440

Lithophytes, 497

Lizard, 186

Lizards, articulation of, 156

caudal vertebræ of, 296

osteology of existing, 281

pelvis and humerus of, 293

the sternum, 297

Loir, 129

Lophiodon, the, 94

Lophiodonta, 250

Lophius, 407

ganelli, 407

piscatorius, 407

Loricaria, 409

Lutjanus, 414

ephippium, 414

lutjan, 414

Madrepora, 515

muricata, 516

ramosa, 516

- Madreporæ, FOSSILS, 496
 Mammalia, fossil marine, 139
 Mammoth, derivation of the word, 50
 of the Russians, 41
 Man, no fossil remains of, 21
 Man, pretended fossil, 333
 Manati, 433
 Marine tortoise, articulation of, 156
 Masasaurus, of Maestricht, 365
 Mastodon, of the Cordilleras, 77
 cranium of the, 71
 femur of the, 72
 the fossil, 10
 with narrow teeth, the, 73
 of Humboldt, 77
 the genus, 62
 the great, 62
 the great, where found, 67
 the little, 77
 tapirobian, 77
 osteology of the great, 69
 Matamata, the, 260
 Megalonyx, 35. 131. 135
 Megalosaurus, 318
 Megalonyx, remains of the, 15
 Megatherium, 35.
 (*Cuv.*) 131
 proper, 131
 Mehemoth, of the Arabs, 50
 Milleporæ, 517
 Monitor, of the Nile, 284
 Monitors, the, 300
 Monopterus, 422
 gigas, 422
 Mosasaurus, of Mr. Conybeare, 31. 316
 Moschi, the, 208
 Mouse, the domestic, 131
 Mugil, 411
 cephalus, 426
 brevis, 411
 Mullus barbatus, 426
 Muræna, 424
 cæca, 424
 conger, 424
 Murænocephalus, 424
 Mus arvalis, 130
 Muscardin, the, 131
 Musk, the, 211

 Narinari, of Marcgrave, 431
 Narkobatus giganteus, 403
 Narwhals, fossil, 143
 Naturforscher, 330
 Nautilus, 481
 Deshayesii, 482
 imperialis, 482
 pompius, 482
 umbilicatus, 482
 zigzag, 481

 Ombrias, FOSSILS, 495
 Oolites, the, 445
 Ophidium, 424
 barbatum, 424
 Orthoceratites, 483
 Ostracion turritus, 404
 Ostracites, 486
 Ouaran, of the Arabs, 284
 nose of the, 289
 Ovarium, 495
 Oysters, the, 486

 Pachydermata, Cuvierian fossil, 99
 Pæcilia, 401
 of Bloch, 402
 dubia, 401
 Palæobalistum, 405
 orbiculatum, 405
 Palæoniscum, 396
 Freieslebenense, 396
 Palæorhynchum, 393
 Glarianum, 393
 Palæotheria, 250
 Palæotherium, (*Cuv.*) 105
 Aurelianense, 109
 the broad-footed, 108
 crassum, 107, 109
 curtum, 108
 the great, 107
 Isselanum, 109
 magnum, 107
 jaw of, 79
 latum, 108
 medium, 107. 108
 minus, 105. 108
 the middle-sized, 107
 the short, 108
 the small, 108
 the thick-footed, 107
 velaunum, 109
 Palæothrissum, 396
 inæquilobum, 396
 macrocephalum, 396
 magnum, 396, 397
 parvum, 397
 Pegasus lesiniiformis, 406
 Pentacrinus, 507
 Pentacrinus, 514
 basaltiformis, 514
 briareus, 514
 caput Medusæ, 514
 subangularis, 514
 Perca, 413
 Americana, 413
 formosa, 413
 minuta, 426
 Perch, 413
 Perdicites, 151

- Perna maxillata, FOSSILS, 457
 Pesce capone, 152
 Petrosilex molaris, (*Millstones*) 451
 Phocæ, 250
 fossil, 139
 Physter, 228
 Pike, 397. 400
 the common, 408
 Planospirites, 451
 Planulites, 480
 Plesiosaurus, the, 29. 343. 346. 365.
 bones in the, 369
 carinatus, 375
 of Mr. Conybeare, 371
 dolichodeirus, 375
 pentagonus, 376
 recentior, 375
 signification of, 366
 trigonus, 376
 Pleuronectes, 422
 maximus, 398
 quadratus, 422
 platessa, 395. 422
 Pleurotoma dentata, 459
 Polychrus, 309
 Polynemus quinquinarius, 411
 Polyparia, 496
 Polyparies, the, 436
 Polyparium, defined, 497
 Polypt, 496
 Porpus, supposed fossil of a, 225
 Proteosaurus, 345
 Pterodactyli, 230
 Pterodactylus, the, 153. 326
 brevirostris, 330
 longirostris, 326

 Rabbit, two species of the, 129
 Rafcht, of the Euphrates, 269
 Raia aquila, 430, 431
 Reptiles, Chelonian, 260
 fossil, 166
 Reptile, wing-toed, 326
 Rhinoceros Cuvierii, 88
 entire fossil, 85
 the fossil, 10. 83
 of Siberia, fossil, 87
 incisivus, 89
 leptorhinus, 88
 minutus, 89
 tichorhinus, 87
 Rhombus minor, 397
 Rodentia, fossil, 129
 Rorquals, subgenus of the, 144
 Ruminantia, fossil, 113

 Saimiri, the, 208

 Salagraman, FOSSILS, 480
 Salamanders, articulation of, 156
 Salmo cyprinoides, 410
 muræna, 408. 410
 Samiri, the, 211
 Sauri, (Ordo) 202
 Saurian order, 281
 Saurians, fossil, 299
 Sauvages, (*Cuv.*) 284
 Sciæna, 413
 jaculatrix, 413
 Plumieri, 414
 Scomber, 411
 attalunga, 411
 chloris, 413
 cordyla, 412. 414
 glaucus, 412
 ignobilis, 412
 Kleinii, 412
 orcynus, 413
 pelagicus, 412
 pelamis, 411
 pneumatophorus, 412
 speciosus, 412
 thynnus, 411
 trachurus, 412
 Scorpæna, 415
 scrofu, 415
 Scutella, 495
 Sea-tortoises, 265
 Sephen ray, 403
 Seps tetradactylus, 156
 tridactylus, 156
 Serpulæ, the, 436
 Silurus, 333. 409
 ascita, 410
 bagre, 409
 cataphractus, 409
 cattus, 410
 glanis, 334, 335, 336
 Sparus, 415
 volcanus, 417
 dentex, 415, 416
 macrophthalmus, 415
 sargus, 415
 vulgaris, 415
 Squalus, the, 144. 402
 catulus, 403
 auriculatus, 430
 carcharias, 402
 columbinus, 430
 Cornubicus, 429
 ferox, 429
 glaucus, 403
 grineus, 430
 lamia, 430
 inominatus, 402
 pristodontus, 430
 pristobatus dubius ? 430

Squalus tricuspidens, FOSSILS, 430
 vacca, 439
Stellaria columellæ, 507
Stellerides, 496
Stellion of Linnæus, 186
Stellio uromastix, 291
Strata, the primitive, 2
 the transition, 3
Stromateus, 397. 400
 gibbosus, 397
 hexagonus, 397. 401
 major, 397
Suchis, 177
Suchus, 177. 184
 of M. Geoffroi, 193
Sulcata, *littoralis rostrata* of Lind, 151
Sygnathus, 406
 breviculus, 406
 typhle, 406
Synbranchus, 424
 immaculatus, 424

Tapiroïdian Mastodon, 77
Tapirs, the gigantic, 91
 gigantic, why used in the plural,
 93
Tardigrada, 131
Temsach, of the modern Egyptians,
 186
Terebratules, 485
Terebratula vitrea, 460
Terebratulites, the, 436
Testudo centrata, 257
 clausa, 257
 dorsata, 257
 Europæa, 257. 278
 fimbriata, 260. 262
 Græca, 257
 Indica, 280
 Mydas, 276
 picta, 257
 scabra, 257
 scripta, 257
 triunguis, 269
 virgulata, 257
Tetraodon, 404
 hispidus, 405
 Konckennii, 404
 ocellatus, 404
Thirsé, of the Nile, 269
Thornback, 393
Tien-schu, of the Chinese, 50
Toads, articulation of, 156
Tonitru, 495
Tortoise, the great Indian, 252

Tortoise, head of the, FOSSILS, 252
 humerus of the, 267
Tortoises, the fossil, 252
 land, 252
 marine, 259
 sea, 259. 265
 soft, 258
Trigla, 411
 cataphracta, 426
 culusus, of Linnæus, 152
 cyra, 411
Trionyx, the, 258. 269
Triton cristatus, 339
Trongotherium, (*Fischer*) 130
 of Russia, 35
Trygonobatus crassicaudatus, 403
 vulgaris ? 403
Turtle, temporal of the sea, 354
Tubipore, 496

Ursus arctoïdeus, 35. 120. 124
 arctos, 120
 augustidens, 36
 cultridens, 36. 124
 Etruscus, 124
 priscus, 35. 124
 spelæus, 35. 120. 124
 spelæus of the Germanic caves,
 15, 16

Volvolæ, 507

Xiphodons, the, 110

Yacaré, of M. d' Azara, 189

Zeus, 394. 421
 gallus, 420
 platessa, 395, 421
 reglesianus, 394
 rhombeus, 422
 spinosus, 395
 triurus, 421
 vomer, 421
Ziphius, the, 150
 cavirostris, 143
 longirostris, 144
 named by Cuvier, 33
 planirostris, 143

MOLLUSCA. ZOOPHYTES.

VOL. XII.

- Abyla, xii. 492
 Acalephæ, the, 437. 481
 hydrostaticæ, 489
 simplices, 482. 561
 Acalephæ, supplement on the, 561
 umbrella of the, 562
 Acamarchis, 503
 Acanthocephala, (*Rud.*) 469
 Acarda, (*Brug.*) 92
 Acasta Montagui, 137
 Acastæ, the (*Leach*), 137
 Acephala, the, 5. 89. 369. 413
 nuda, 125
 salivary apparatus of, 197
 Acetabulum, (*Lam.*) 507
 Achatina, (*Lam.*) 32
 Acmea, (*Hartm.*) 62
 Acrostoma, (*Le Sauvage*) 479
 Actæon, (*Montf.*) 63
 Actinia, (*L.*) 494
 effæta, 495
 equina, 495
 plumosa, 495
 proper, 495
 senilis, 495
 Actiniæ, the, 572
 food of the, 574
 Actinocamax, of Miller, 15
 Actinocrinites, the 444
 Adeona, (*Lamour.*) 513
 grisea, 513
 Æquorea, 482
 Agaricina, 512
 Agastraria, of Blainville, 594
 Agathistega, 17
 Aggregata, 128
 Aglaophenia, (*Lamour*) 502
 Akera, (*Müller*) 45
 Akera, proper, xii. 47
 Alcinoë, (*Rang.*) 487
 vermiculata, 488
 Alcyonium, (*Linn.*) 516
 asbestinum, 530
 digitatum, 516
 epipetrum, 515
 exos., 516
 mamillosum, 496
 Alecto of Leach, 443
 Amatia, (*Lamour*) 502
 Ambulacraria, 541
 Ammonie, (*Montf.*) 13
 Ammonites, (*Brug.*) 15
 (*Lam.*) 15
 Amorpha of Blainville, 594
 Amphiroë, (*Lamour.*) 505
 Amphistoma (*Rud.*) 471
 Ampulla carinata, 61
 Ampullaria, (*Lam.*) 61
 Ampullinæ, (*Blainv.*) 62
 Anadiomene, (*Lamour.*) 506
 flabellata, 506
 Anambulacraria, the, 541
 Ananchites, (*Lam.*) the, 449
 Anatifa, the, 426
 (*Brug.*) 135
 Anatife, locomotion of the, 188
 Anatina, (*Lam.*) 119
 Anchasella, (*Cuv.*) 466
 Ancillaria, (*Lam.*) 74
 cinnamomea, 75
 Anguinaria, (*Lam.*) 501
 Animal-plants, 436. 523
 Animalia radiata, 435
 Animals, apathetic, 153
 intelligent, 153
 sensible, 153

- Animals, vertebrated, xii. 153
 Anodontes, 400
 (*Brug.*) 105
 Anomia, (*Brug.*) 96
 of Linnæus, 421
 craniolaris, 133
 scobinata, 132
 tridentata, 20
 turbinata, 133
 Antennularia, (*Lam.*) 502
 Antinæ, tentacula of the, 572
 Antipathes, (*Lin.*) 508
 spiralis, 508
 Anula, (*Brug.*) 70
 Aplysia, the genus, 351
 Apocrinites, the, 444
 Aplysia, (*Lin.*) 43
 Brasiliana, 44
 depilatus, 44
 fasciata, 44
 punctata, 44
 Apolles, (*Montf.*) 80
 Aquilla, (*Montf.*) 79
 Arca, (*Lin.*) 102
 cucullata, 102
 pellucida, 103
 tortuosa, 102
 Argonauta, (*Lin.*) 9
 Arctica, 20
 Argo, 10
 vitrea, 50
 Argus, (*Poli.*) 94
 Arions, the, 27
 Asamæ, the (*Ranzani*), 137
 Ascaris, 461
 lumbricoides, 461
 renalis, 462
 vermicularis, 462
 visceralis, 462
 Ascidia, (*Lin.*) 128
 pedunculata, 128
 Aspergillum, (*Lam.*) 125
 Javanensis, 125
 Aspidogaster, (*Bær.*) 474
 conchicola, 474
 Astartæ, the, (*Sowerb.*) 116
 Asteriæ, the, 525. 538
 Asterias, (*L.*) 440
 aurantiaca, 442
 caput Medusæ, 443
 discoidea, 441
 glacialis, 442
 membranacea, 441
 multiradiata, 443
 nigra, 442
 ophiura, 443
 paposæ, 442
 rubens, 441
 tessellata, 441
 Astoma, xii. 485
 Astræa, 511
 Atlanta, (*Lesueur*) 51
 Keraudrenii, 51
 Peronii, 51
 Auricula, (*Lam.*) 35
 myosotis, 36
 Avicula, 101
 (*Brug.*) 100
 the genus, 382
 margaritacea, 387
 Aximea, (*Poli.*) 103
 Baculites, (*Lam.*) 15
 Balani, the, 429
 locomotion of the, 188
 shell of the, 430
 Balanus, (*Brug.*) (*Proper.*) 136
 (*Lepas*) tintinnabulum, 282
 squamosus, 282
 of the tortoise, 431
 Batolithes, (*Montf.*) 92
 Belemnites, 14
 Bellerophon, (*Montf.*) 10
 Berenice, (*Peron*) 485
 Bernacles, the, 426
 Beroë, (*Müll.*) 486
 globular, 486
 hexagone, 487
 ovatus, 487
 Biphora, (*Brug.*) 126
 Biphores, the, 413
 Bonellia, (*Rolando*) 455
 viridis, 455
 Botrylli, the, 417
 Botryllus, (*Gærtn.*) 129
 conglomeratus, 129
 stellatus, 129
 Bothryocephalus, (*Rud.*) 477
 corollatus, 478
 nodosus, 557
 solidus, 557
 young of the, 556
 Brachiella, (*Cuv.*) 467
 Thynni, 467
 Brachiocephala, locomotion of the, 189
 Brachionus, (*Müll.*) 520
 Brachiopoda, 5. 131
 supplement on the, 419
 Bressoïdes, (*Kl.*) 450
 Brissus, (*Kl.*) 450
 Brontis, (*Montf.*) 79
 Buccina, (*Gm.*) 77
 Buccinoïda, 68
 Buccinum, (*Brug.*) 74
 (*Lin.*) 73
 arcularia, 74
 caudatum, 77

- Buccinum, concholepas, xii. 76
 dolum, 280
 echinophorum, 77
 glabratum, 74
 harpa, 75
 lapillus, 367
 maculatum, 77
 monodon, 76
 olearium, 75
 perdix, 75
 Persicum, 76
 strigosum, 77
 tritonis, 61
 undulatum, 74
 vibex, 77
 Bulimus avenaceus, 31
 glans, 33
 labrosus, 31
 proper, 30
 terrestris, 30
 zebra, 31
 Bulla, (*Lin.*) 34. 46
 ampulla, 47
 aperta, 46
 carnosa, 47
 ficus, 81
 fontinalis, 35
 hydatis, 47
 hypnorum, 35
 lignaria, 46
 naucum, 47
 ovum, 71
 physis, 47
 verrucosa, 71
 virginea, 32
 volva, 71
 zebra, 32
 Bullæa, (*Lam.*) 45
 aperta, 46
 Bursatella, (*Blainv.*) 45
 Leachii, 45
 Busiris, Risso, 40
 griseus, 40
 Byssomia, (*Cuv.*) 121

 Cœnurus, (*Rud.*) 479
 Calamary, the, 283. 301
 prey of the, 302
 Calcar, (*Montf.*) 54
 Calceolaria, 92
 Callianira, 487
 didiploptera, 487
 Callianyra, (*Lamour.*) 502
 Calmaret, the, 10
 Calpe, 492
 Calpurnæ, (*Montf.*) 71
 Calyptræa, (*Lam.*) 66
 Camerines, (*Brug.*) 16
 Campanularia, (*Lam.*) 501

 Cancellaria, (*Lam.*) xii. 73
 Cantharis, (*Montf.*) 55
 Capillaria, (*Zeder*) 460
 Capsa, (*Brug.*) 117
 Capuloida, 65
 Capulus, (*Montf.*) 65
 Cardia, the, 402
 Cardiaceæ, 111
 Cardita, (*Brug.*) 107
 Cardium, (*Lin.*) 111
 cardissa, 112
 edule, 111. 402
 rusticum, 402
 Carinaria, (*Lam.*) 50
 cymbium, 50
 depressa, 50
 fragilis, 50
 Carybdea, (*Peron*) 486
 Carychium myosotis, 36
 Caryophyllæus, (*Bl.*) 471
 Caryophyllia, (*Lam.*) 511
 Cassidaria, (*Lam.*) 77
 Cassidulus, (*Lam.*) 448
 Caribæorum, 449
 Cassiopææ, the, 485
 Cassis, (*Brug.*) 76
 Castalia, (*Lam.*) 107
 ambigua, 107
 Catillus, (*Brong.*) 99
 Cavitaria, (*Rudolphi*) 458
 Cavolina, (*Abild.*) 20
 (*Brug.*) 40
 natans, 20
 Cellepora hyalina, 504
 Cellularia, (*L.*) 503
 salicornia, 503
 Cephæa, (*Peron*) 485
 Cephalopoda, the, 4, 5
 branchiæ of the, 6
 supplement on the, 283
 Cephalophora, salivary apparatus of, 197
 Cerastes, (*Poli*) 111
 Ceratites of Haan, 15
 Ceratophyta, 507
 Ceratophytes, the, 504
 Cercaria, (*Müll.*) 521
 Cerebratula, (*Renieri*) 468
 Cerithium, (*Brug.*) 77
 atrum, 78
 Cestoides, 480
 Cestum, (*Lesueur*) 488
 Veneris, 488
 Chama, (*Brug.*) 110
 (*Lin.*) 108
 the genus, 401
 antiquata, 107
 coralliophaga, 108
 cor., 111
 gigas, 109

- Chama Lazarus, xii. 110
 oblonga, 107
 Chamacea, 108
 Chioracea, (*Montf.*) 79
 Chimæra, (*Poli*) 101
 Chinese-parasol, the, 352
 Chiton, 368
 (*Lin.*) 88
 raripilosus, 282
 squamosus, 282
 Chondracanth lisse, 466
 Chondracanthus, (*Laroch*) 467
 zei, 467
 Chondrosepia, (*Lewkard*) 11
 Chondrus, (*Cuv.*) 31
 Cidaris, (*Klein.*) 446
 Cimber, (*Mont.*) 66
 Cineras, (*Leach*) 136
 vittata, 136
 Cirropoda, 5. 134
 supplement on the, 426
 Clausilia, (*Drap.*) 32
 Clavagella, (*Lam*) 125
 echinata, 125
 Clavatulæ, the, 80
 Clavella, (*Oken.*) 467
 Cleodora, (*Péron*) 20
 Clio, the genus, 315
 (*Lin.*) 18
 amati, 48
 Borealis, 18. 230 316
 helicina, 20. 316
 Clione, the genus, 315
 (*Pall.*) 18
 Clithon, (*Mont.*) 65
 Clypeaster, (*Lam.*) 449
 Clythia, (*Lamour.*) 501
 Cockle, the common, 402
 Colombella, (*Lam.*) 73
 Comatula, (*Lam.*) 443
 Concholepas, (*Lam.*) 76
 Conchology, observations on, 249, &c.
 Coniæ, the, (*Blain.*) 137
 Conia radiata, 137
 Conocarpus, (*Lin.*) 370
 Conovulus, (*Lam.*) 36
 Conulus, (*Kl.*) 448
 Conus, (*L.*) 69
 cedonulli, 70
 litteratus, 70
 Coquillages, of Adanson, 147
 Coral, black, 508
 of commerce, 509
 residence of the, 583
 Corallium, (*Lam.*) 509
 Corallina, (*L.*) 504
 conglutinata, 506
 marginata, 506
 obtusata, 506
 Corallina officinalis, xii. 505
 proper, 505
 rigens, 505
 rubens, 505
 tuna, 506
 Corallines, the, 581
 Coralliophaga, (*Blain.*) 107
 Corallium Gothlandicum, 500
 Corbis, (*Cuv.*) 113
 Corbula, (*Brug.*) 117
 gallica, 117
 Corbule, 119
 Corine, (*Gærtner*) 497
 Coriocella, (*Blain.*) 68
 Coriocyte noire, 68
 Cornua-ammonis, 15
 Cornularia, (*Lam.*) 501
 Coronulæ, (*Lam.*) 137
 Corsican moss, 506
 Crania, (*Brug.*) 133
 antiqua, 133
 personata, 133
 Crassatella, (*Lam.*) 108
 Crassinæ, the, (*Lam.*) 116
 Crenatula, (*Lam.*) 99
 Crepidula, (*Lam.*) 66
 Creseis, 20
 Creusis, the, (*Leach*) 137
 Creusia spinulosa, 137
 Cristatella, 498
 mucedo, 498
 Criopus, (*Poli*) 133
 Crisia, 503
 Cryptostoma, (*Blain.*) 68
 Leachii, 68
 Carolinum, 68
 Cuboides, 493
 Cucullæa, (*Chemn.*) 102
 Cucullanus, 460
 ascaroides, 464
 lacustris, 460
 Cupulites, 491
 Cuvieria eurisochroma, 485
 Cuvieries, 20
 Cyanea, (*Cuv.*) 483
 cærulea, 568
 Cyathocrinites, the, 444
 Cyclades, the, 403
 Cyclas, (*Brug.*) 112
 fluvialis, 148
 Cyclidium, 521
 Cyclobranchia, the, 367
 Cyclobranchiata, the, 25. 87
 Cyclolithes, 511
 Cyclostoma, the, 53. 354
 (*Lam.*) 58
 achatinum, 60
 elegans, 281. 354
 Cyclocotyles, (*Otto*) 473

Cyclocotyles bellones, xii. 473
 Cymba, (*Sowerb.*) 72
 Cymbium, (*Montf.*) 72
 what called, 308
 Cymbulia of Péron, the, 19
 Cymopolia, (*Lam.*) 505
 Cypræa, (*L.*) 70
 Cypricardia, (*Lam.*) 107
 Cyprina, (*Lam.*) 113
 Cyrena, (*Lam.*) 112
 Cyrtodaria, (*Daud.*) 120
 Cysticercus, (*Rud.*) 479
 Cystidicola, (*Fisch. Monogr.*) 461
 Cythereæ, the, (*Lam.*) 116
 Cytherea lutea, 282

Dactylopora, 516
 Dagysa, (*Gm.*) 126
 Dail commun, 123
 Delphinula, (*Lam.*) 56
 Demarestia, (*Lesueur*) 51
 Dentalium entalis, 281
 Derostoma, 475
 Dianchora, (*Sower.*) 96
 Diazona, (*Sav.*) 130
 Dibothryorhynchus, (*Blain.*) 477
 Diceræ, (*Lam.*) 110
 arietina, 110
 Didema, (*Ranz.*) 138
 Diphyes, (*Cuv.*) 492
 Diphyllidia, (*Cuv.*) 42
 Brugmansii, 42
 Dipsada, (*Leach*) 106
 Discinæ, the, (*Lam.*) 133
 Discosoma, (*Rup.*) 495
 nummiforme, 495
 Distichopora, 513
 Distoma, (*Retz & Zéder*) 471
 Dolabella, (*Lam.*) 44
 Rumphii, 45
 Doliolum, (*Otto*) 487
 Mediterraneum, 487
 Dolium, (*Lam.*) 75
 maculatum, 280
 Donax, (*Lin.*) 112
 rugosa, 112
 Doridion Meckelii, 47
 Doridium, (*Meck.*) 47
 Doris, the genus, 349
 (*Cuv.*) 37
 affinis, 40
 Argo, 37
 atromarginata, 37
 lacera, 37
 obvelata, 37
 papillosa, 39
 peregrina, 40
 quadrilineata, 38

Doris radiata, xii. 39
 verrucosa, 37
 Dynamienes, (*Lamour.*) 502

Eburna, (*Lam.*) 74
 Echinanthus, (*Klein.*) 449
 Echini, locomotive apparatus of the, 542
 proper, (*Lam.*) 446
 Echinococcus, (*Rud.*) 480
 Echinocyamus, (*Leske*) 450
 Echinodermata, the, 437, 438
 supplement on the, 537
 apedicellata, 453
 Echinorhynchus, (*Gm.*) 469
 gigas, 470
 hæruca, 471
 Echinone, (*Phelsum & Leske*) 447
 Echinostoma, (*Rud.*) 472
 Echinus, (*Lin.*) 445. 539
 altus, 449
 atratus, 447
 auritus, 448
 bicordatus, 449
 cyclostomus, 447
 decadactylus, 448
 depressus, 447
 esculentus, 446
 hexaporus, 448
 lucunter, 447
 locomotion of the, 543
 mamillatus, 446
 miliaris, 446
 nucleus, 450
 orbiculatus, 450
 orbiculus, 448
 ovatus, 449
 oviformis, 450
 purpureus, (*Müll.*) 450
 quadrifasciatus, 448
 quadriradiatus, 449
 rosaceus, 449
 sinuatus, 447
 spatangus, 450
 teres, 450
 tetraporus, 448
 vulgaris, 448
 Echion, (*Polì*) 97
 Echiurus, 456
 Egeria, (*Roiss.*) 113
 Electra, (*Lamouroux*) 503
 Eledon, (*Aristotle*) 9
 Emarginula, (*Lam.*) 87
 Enalllostega, 17
 Enchelis, (*Müll.*) 521
 Encrinites, the, 444
 Encrinus of Ellis, 539
 (*Guet*) 443
 asterias, 444

- Entozoa, (*Rudolphi*) xii. 456
 nomatoidea, 458
 body of the, 548
 digestive apparatus of the, 551
 locomotion of, 554
 mouth of the, 550
 residence of, 553
 nervous system of, 552
 nutriment of, 555
 skin and muscles of the, 549
 supplement on the, 547
 Entrochi, 445
 Eolidia, (*Cuv.*) 39
 Eschara, (*Lam.*) 513
 Escharæ, the, 130
 Etheria, (*Lam.*) 100
 Eucellium, (*Sav.*) 130
 Eucratia, 503
 Eudora, (*Peron*) 485
 moneta, 485
 Eugeniocrinites, the, 445
 Eunicea, (*Lamour.*) 508
 Euryale, (*Lam.*) 443
 palmiferum, 443
 Eurybia, 20
 Evomphatus, (*Sowerby*) 56
 pentangulatus, 56
 Explanaria, 511

 Fasciola, (*L.*) 471
 hepatica, 472
 Fasciolaria, the, 81
 Favonia, (*Per.*) 485
 Favosites, the, 500
 Festucaria, (*Schr.*) 471
 Fibularia, (*Lam.*) 450
 Filaria, (*L.*) 459
 Medinensis, 459. 558
 Fimbria, (*Megerl.*) 113
 Firola, (*Péron*) 51
 gibbosa, 51
 mutica, 51
 Firolæ, the, 352
 Firoloidæ, the, 51
 Fissurella, (*Lam.*) 86
 Fistulana, (*Brug.*) 124
 Flabellaria, (*Lam.*) 506
 Flabellina, (*Cuv.*) 40
 Floriceps, (*Cuv.*) 478
 Flustra, (*L.*) 504
 foliacea, 504
 verticillata, 503
 Foramenifera, (*D'Orbigny*) 17
 Foveolia, (*Peron*) 483
 Fulgur, (*Montf.*) 81
 Fungia, (*Lam.*) 510
 Furcularia, (*Lam.*) 519
 Furia infernalis, 558

 Fusus, (*Brug.*) xii. 80

 Galathæa, (*Brug.*) 113
 Galaxaura, (*Lamour.*) 506
 Galeæ, (*Kl.*) 449
 Galerites, (*Lam.*) 448
 Gasteropoda, the, 5. 21
 pectinibranchiata, 68
 supplement on the, 322
 Gastrochæna, (*Spengler*) 124
 Gastroplax, (*Blain.*) 48. 352
 Gastroptheron Meckellii, 47
 Gervillia, (*Defr.*) 99
 Geryonia-proper, (*Peron*) 485
 Glaucus, (*Forster*) 39
 the genus, 350
 Globites, of Haan, 15
 Glossus, (*Poli*) 110
 Glycymeris, (*Lam.*) 120
 Gonialites, of Haan, 15
 Gonium, 521
 Gorgonia, (*L.*) 508
 antipathes, 508
 crassa, 508
 pinnata, 508
 reseda, 508
 Gorgonocephala, (*Leach*) 443
 Gryphæa, (*Lam.*) 94
 tricarinata, 94
 Guinea-worm, the, 459. 558
 Gymnorynchus reptans, 480

 Hæruca, (*Gm.*) 470
 muris, 471
 Haliotides, discus of the, 258
 Halymede, (*Lamour*) 506
 Halyotis, (*Lin.*) 85
 proper, (*Lam.*) 85
 Hamites, (*Sowerb.*) 16
 Harpa, (*Lam.*) 75
 Hectocotyle argonautæ, 474
 octopodis, 474
 Hectocotyles, (*Cuv.*) 474
 Helices, the, 322. 329
 detriment from, 345
 eggs of the, 337
 food of the, 335
 locomotion of the, 331
 reproduction of, 341
 reptation of the, 334
 respiration of the, 332
 where found, 333
 young of the, 338
 Helicina, 53
 (*Lam.*) 61
 striata, 62
 Helico-Limax, (*Férus.*) 30

- Helicostega*, (*D'Orbigny*) xii. 17
 ammonoida, 17
 nautiloida, 17
Helix, 29
 (*Lin.*) 34
 aculeata, 29
 ægopthalmus, 29
 albella, 29
 ampullacea, 61
 arbustorum, 29
 aspersa, 29
 brevipes, 30
 (*Bulimus*) *zebra*, 280
 castanea, 29
 cicatrosa, 29
 cincta, 29
 citrina, 29
 cornea, 34
 cretacea, 29
 decollata, 30
 epistylum, 29
 extensa, 29
 fragilis, 35
 fruticum, 29
 fulva, 29
 fuscescens, 29
 glaucia, 29
 globulus, 29
 grisea, 29
 hæmastoma, 29
 hortensis, 29
 Itala, 29
 janthina, 64
 lapidica, 29
 lactea, 29
 ligata, 29
 limosa, 35
 lucerna, 29
 lucorum, 29
 Lusitanica, 29
 nemoralis, colour of, 162
 nemorensis, 29
 neritella, 62
 nivea, 29
 oblonga, 31
 ovalis, 31
 palustris, 35
 the peculiar organ of the, 336
 pellucida, 30
 picta, 29
 pomatia, 29. 339
 pulla, 29
 putris, 32
 rapa, 29
 ringens, 30
 rosacea, 29
 rufa, 30
 scarabæus, 35
 Cuv. Index.
- Helix sinuata*, xii. 29
 spirorbis, 34
 stagnalis, 35
 striata, 62
 terrestris, 29
 turturum, 29
 venusta, 29
 vertigo, 31
 vittata, 29
 vivipara, 59
 vortex, 34
Helicostega turbinoïda, 17
Hemicardium, 112
Heteropoda, the, 25. 352
 (*Lam.*) 49
Hexastoma, 473
Hiatella, (*Daud.*) 121
Himantopus, 521
Hinnita, (*Defr.*) 95
Hippocrenes, (*Montf.*) 82
Hippopus, 110
 (*Quoy & Gaim.*) 491
Hipponyx, (*Defr.*) 65
Hippurites, 92
Holostoma, (*Nitzsch*) 472
Holothuria, (*Lin.*) 450
 frondosa, 452
 papillosa, 453
 phantapus, 451
 physalis, 490
 Priapus, 454
 regalis, 452
 spirans, 489
 squamata, 452
 Thalia, 127
 tremula, 452
 zonaria, 128
Holothuriæ, the, 544
Hortoles, of Montfort, 14
Hyalæa, the, 316
Hyalea, (*Lam.*) 20
 cornea, 20
 the body of the, 317
 digestive apparatus of the, 320
 foot of the, 321
 mantle of the, 318
 trunk and eyes of the, 319
Hydatid, the globular, 479
Hydatides, 479
Hydnophora, (*Fisc.*) 512
Hydra, Linn. 497
 the, 575
 fusca, 497
 sociata, 496
 viridis, 497
Hydræ, locomotion of the, 576
 reproduction of the, 577
Hydræ, residence of the, 578
 E e

Hyria, (*Lam.*) xii. 107

Hyria rugosa, 107

Inclusa, 118

Ianira, (*Oken.*) 487

Inferobranchia, the, 351

Inferobranchiata, the, 24. 41

Infundibulum, (*Montf.*) 55

Infusoria, 518

body of the, 592

homogenea, 520

supplement on the, 591

Infusoriæ, the, 438

Inoceramus, (*Sowerb.*) 99

Intestina, (*Rudolphi*) 456

cavitaria, 458

parenchymata, 458

Iridina, 106

exotica, 106

Isis, (*L.*) 509

aster, 444

dichotoma, 510

hippuris, 509

nobilis, 509

ocracea, 509

proper, (*Lam.*) 509

Isocardia, (*Lam.*) 110

Jania, (*Lamour.*) 505

Janira, (*Oken.*) 487

Janthina, (*Lam.*) 63

Janthinæ, the, 355

food of the, 357

habitation of the, 356

Judaic stones, 446

Kerona, 521

Kolpoda, 521

Laganum, (*Klein.*) 450

Laniogerus, (*Blain.*) 39

Elfortii, 39

Lanistæ, the, (*Montf.*) 61

Lathira, (*Brug.*) 80

Lavignons, the, 118

Lenticular stones, 16

Lepas, (*Lin.*) 134

anatifera, 135

aurita, 429

balanoides, 432

balænaris, 137

balanus, 137. 432

Lepas diadema, xii. 138. 282. 433

mitella, 136

leporina, 429

pollicipes, 135

porosus, 137

spongites, 433

Stræmii, 137

testudinaria, 431

tinnabulum, 432

Lernæa, (*L.*) 465

adunca, 467

branchialis, 465

cornuta, 467

multicornis, 466

ocularis, 466

radiata, 467

trigla, 467

unciata, 467

Leucopha, 520

Liagora, (*Lamour.*) 506

Licorne, (*Montf.*) 76

Ligula, (*Bloch*) 481

abdominalis, 481

cingulum, 481

Liguus, (*Mon.*) 32

Lima, (*Brug.*) 95

Limaces, eggs of the, 325

food of the, 324

mischief done by the, 327

locomotion and tentacula of the, 323

Limacina, (*Cuv.*) 19

Limax, the genus, 322

agrestis, 27. 328

antiquorum, 27

griseus, 326

maximus, 27

noctiluca, 328

proper, 26

rufus, 27

sylvaticus, 27

tergipes, 40

Limnæa, the genus, 347

(*Poli*) 106

Limnææ, habits of the, 348

Limnæus, (*Lam.*) 34

Linguatula, (*Rud.*) 464

Lingula, (*Brug.*) 131

anatina, 131

Liorhynchus, (*Rud.*) 464

Lithodermis, (*Cuv.*) 454

cuneus, 454

Lithodomus, (*Cuv.*) 105

Lithophyta, 509

Littorina, (*Féruss.*) 60

Lituus, of Breyn, 13

Lobaria, (*Blain.*) 47

quadriloba, 46

Loligo, the, 283. 301

- Loligo, (*Lam.*) xii. 10
 ink of the, 289
 media, 11
 sagittata, 10
 vulgaris, 10
 Lologopsis, (*Lam.*) 10
 Loricula, 503
 Loripes, (*Poli*) 114
 Lotorium, (*L.*) 79
 Lucernaria, (*Müll.*) 496
 auricula, 496
 quadricornis, 496
 Lucina, (*Brug.*) 114
 saxorum, 115
 Lumbricus echiurus, 456
 edulis, 455
 Lunulites, the, 516
 Lutraria, (*Lam.*) 119
 Lymnorea, (*Peron*) 485

 Mactra, (*Lam.*) 118
 (*Lin.*) 117
 lutraria, 119
 Madrepora, 584
 (*Lin.*) 510
 agaricites, 512
 cinerascens, 511
 cucullata, 512
 cyathus, 511
 damicornis, 511
 exesa, 512
 fungites, 510
 labyrinthica, 512
 organum, 512
 porites, 511
 porpita, 511
 proper, (*Lam.*) 511
 radiata, 511
 ramea, 532
 seriata, 511
 turbinata, 510
 virginea, 511
 Madrepora, 584
 Magilus, (*Montf.*) 84
 Malacozoaria, arrangement of the, 150
 Malleus, (*Lam.*) 98
 Malum granatum, 528
 Mangliers, the, 370
 Margaritæ, the, (*Leach*) 100
 Marginella, (*Lam.*) 73
 Meandrina, (*Lam.*) 511
 Medina worm, the, 558
 Medusa, (*L.*) 482
 of Linnæus, 561
 æquorea, 483
 aurita, 483
 Cephæa, 485
 chrysaora, 484

 Medusa, frondosa, xii. 485
 infundibulum, 487
 marsupialis, 486
 minima, 485
 mollicina, 483
 pileus, 486
 proboscidalis, 485
 umbrella, 489
 velella, 489
 Medusæ, food of the, 565
 organization of the, 564
 phosphorescence of the, 567
 the tissue of the, 563
 Medusaria of M. Delamarck, 561
 Melampes, (*Montf.*) 36
 Melania, (*Lam.*) 62
 amarula, 62
 truncata, 62
 Mélanie thiare, 62
 Melanopsis, (*Féruss.*) 62
 buccinoidea, 62
 Meleager, (*Montf.*) 56
 Melite, (*Lam.*) 509
 Millepora, (*L.*) 512
 albicornis, 513
 cellulosa, 513
 foliacea, 513
 informis, 513
 proper, (*Lam.*) 513
 tubulosa, 504
 violacea, 513
 Minyas, (*Cuv.*) 453
 Mitra, (*Lam.*) 73
 Modiola caudigera, 105
 Modiolus, (*Lam.*) 105
 Mollusca animalia, 1
 apparatus of locomotion in, 181
 the aquatic, 231
 aquatic pulmonaceous, 346
 arteries of the, 212
 brachiata, 151
 circulatory apparatus of the, 213
 circulating system of the, 1. 210
 classification of the, 4. 243
 coloration of shells of, 163
 definition of the, 141
 diseases of the, 227
 edges of the mantle of, 158
 eggs of the, 219, 220
 food of the, 201. 203
 foot of the, 182. 185
 form of the, 154
 generation of the, 216
 gills of the, 206. 207
 heart of the, 211
 injury done by, 240
 intestinal canal of the, 198
 lamellibranch acephalous, 157
 the lithophagous, 406

- Mollusca, liver of the, xii. 200
 locomotion of the bivalve, 186
 mantle of the, 156
 the marine, 232
 motion of the bivalve, 193
 movements of the acephalous, 192
 muscles of the, 173
 the naked, 3
 nervous system of the, 221. 222
 operculum of the, 175. 177
 organ of vision in the, 180
 ovary of the, 217
 peculiarity in the acephalous, 187
 relation with the mineral kingdom of, 241
 reptantia, 151
 respiration of the, 204. 205. 208. 209
 sailing of certain, 190
 sense of smelling in, 179
 sense of touch in, 178
 shells of the, 159
 shell of the, 160—167. 225—229
 shell of the acephalous, 172
 skin of the, 155
 stomach of the, 199
 strata resulting from, 243
 subsistentia, 151
 supplement on the, 139
 teeth of the, 171. 195
 the terebrant, 406
 the terrestrial, 233
 tongue of the, 196
 utility of the, 237, 238, 239
 veins of the, 214
 where found, 234, 235
 Molpadia, (*Cuv.*) 453
 holothurioides, 453
 Monas, (*Mill.*) 522
 Monoceros, (*Lam.*) 76
 Monodon, (*Lam.*) 60
 Monophora, 52
 Monostoma, (*Zeder.*) 471
 Monticularia, (*Lam.*) 512
 Mopsea, (*Lamour.*) 510
 Morio, (*Montf.*) 77
 Murex, (*Brug.*) 78
 (of *Linnæus*) 77, 78
 Babilonius, 80
 brandaris, 366
 bufo, 80
 cochlidium, 80
 cretaceus, 79
 gyrinus, 80
 haustellum, 79
 Islandicus, 80
 lоторium, 79
 Magellanicus, 79
 Murex perversus, xii. 81
 proper, (*Montf.*) 79
 ramosus, 79
 rapa, 81
 ricinus, 76
 scolymus, 81
 stramineus, 80
 tribulus, 79
 tripterus, 79
 tritonis, 79
 trunculus, 366
 tubifer, 79
 tulipa, 81
 vespertilio, 80
 Muricea, (*Lamour.*) 508
 spicifera, 508
 Mussel, the common, 223
 the pearl, 387
 Mussels, the, 393
 the fishing of, 398
 the fresh-water, 400
 malady from eating, 395
 where found, 395
 Mya, (*Lam.*) 119
 (*Lin.*) 118
 australis, 118
 glycimeris, 120
 Hispanica, 118
 margaritifera, 106
 pictorum, 107
 siliqua, 120
 truncata, 119
 Mynias, cyanea, 454
 Mytilacea, 104
 Mytiloida, (*Brong.*) 105
 Mytilus, (*Lin.*) 104
 (*L.*) 393
 anatinus, 106
 barbatus, 105
 cygneus, 106. 400
 edulis, 104, 223
 hirundo, 101
 lithophagus, 105
 margaritaceus, 387
 margaritiferus, 100. 382
 pholadis, 121
 Nassa, (*Lam.*) 74
 Natica, (*Lam.*) 64
 Nautilus, (*Lin.*) 12
 of the ancients 303
 of Aristotle, 305
 the papyraceous, 309
 (*Pliny*), 9
 Pompilius, 13. 311, 312, 313
 properly so called, 13
 spirula, 12. 280. 313
 Navicella, (*Lam.*) 66

- Navicula, xii. 493
 Nematoidea, (*Rudolphi*) 458
 Nemertes, (*Cuv.*) 468
 Nemertesia, (*Lamour.*) 502
 Nerita, (*Lin.*) 64
 corona, 65
 fluviatilis, 65
 peloronta, 280
 perversa, 64
 pulligera, 65
 turrita, 65
 Neritina, (*Lam.*) 64
 Nermertes Borlasii, 468
 Nesea, (*Lamour.*) 505
 Notarchus, (*Cuv.*) 45
 gelatinosus, 45
 Nucleolites, 447
 Nucula, (*Lam.*) 103
 Nudibranchia, the, 349
 Nudibranchiata, the, 24. 36
 Nullipora, 513
 Nummulites, (*Lam.*) 16

 Octosia, the, (*Ranzani*) 137
 Octopi, duration and size of the, 294
 fishing for the, 293
 food of the, 291
 long arms of the, 290
 size of the, 295
 utility and injury of the, 296
 Octopus, (*Lam.*) 8
 the argonaut, 299
 the genus, 289
 habitation of the, 292
 the navigating, 298
 Oculina, (*Lam.*) 511
 Ocyroe, (*Rang.*) 488
 maculata, 488
 Ocythoe antiquorum, 297
 (*Rafinesque*) 297
 Oliva, (*Brug.*) 71
 littorata, 280
 subuluta, 71
 Olygiræ, (*Say.*) 62
 Ombellularia, (*Cuv.*) 515
 Ombrella, (*Lam.*) 352
 Onchidia, the, 346
 typhæ, 346
 Onchidium, (*Buch.*) 33
 lævigatum, 33
 typhæ, 33
 Onchidora, (*Blain.*) 37
 (*Leachii*) 37
 Onychotheuthis, (*Lichtenst.*) 11
 Onykia, (*Lesueur*) 11
 Ophiocephalus, (*Quoy & Gaim.*) 468
 Ophiostomus, 460
 cystidicola, 461

 Ophiures, (*Lam.*) xii. 442
 Orbicula, (*Cuv.*) 133
 Orbicula, (*Lam.*) 424
 Orbitulites, (*Lam.*) 15
 the, 516
 Orythia, (*Peron*) 485
 Oscabriones, the, 368
 locomotion of the, 188
 motion of the, 194
 nervous system of the, 224
 Ostracea, the, 91
 Ostracita, (*Le Peyr.*) 92
 Ostrea, (*Lin.*) 93
 (*L.*) 369
 cristata, 93
 edulis, 93. 380
 folium, 93
 lima, 95
 malleus, 98
 maxima, 94
 parasitica, 93. 370
 solea, 94
 spondyloidea, 95
 Otion, 429
 Cuvierii, 136
 (*Leach*) 136
 Ovulæ, (*Montf.*) 71
 Ovulites, (*Lin.*) 516
 Oxyuris, (*Rud.*) 460
 curvula, 460
 Oyster, the, 369
 the common, 93
 the leaf, 93
 the little Mediterranean, 93
 the parasite, 93
 the pearl, 387
 Oysters, art of greening, 377
 eggs of the, 371
 the green, 376
 heart of the, 215
 mode of parking, 373
 nutritious quality of, 379
 utility of, 372

 Pachytes, (*DeFr.*) 96
 Padollæ, the, (*Montf.*) 86
 Pagurus Bernhardus, 9
 Paludina, (*Lam.*) 59
 Paludina, the, 354
 Pandora, (*Brug.*) 120
 Panope de Faujas, 120
 Panopea, (*Mesnard*) 120
 Pantacrinus Europæus, 444
 Paphia, (*Roiss*) 108
 Paramecium, 521
 Parenchymata, 469
 Parmacella, (*Cuv.*) 28
 Olivieri, 28

- Parmacella palliolum, xii. 28
 Parmophorus, (*Lam.*) 87
 Patella, (*Lin.*) 88
 anomala, 133
 contorta, 67
 cornucopiæ, 65
 cymbalaria, 281
 equestris, 67
 fornicata, 66
 Hungarica, 65
 neritoidea, 66
 sipho, 67
 Patellæ, the, 367
 Pavonia, 512
 Pavonaria, (*Cuv.*) 515
 Pecten, (*Brug.*) 94
 Pectines, the, 381
 Pectinibranchia, the, 353
 Pectinibranchiata, the, 25. 52
 Pectunculus, (*Lam.*) 103
 Pedicellaria, 498
 Pedicellata, the, 439
 Pedum, (*Brug.*) 95
 Pelagia, 483
 panopyra, 483
 Pelaguses, (*Montf.*) 15
 Peloris, (*Poli.*) 93
 Peloronta, (*Oken.*) 64
 Penicillus, (*Lam.*) 505
 Pennatula, 585
 (*L.*) 513
 antennina, 515
 cynomorium, 515
 encrinus, 515
 filosa, 466
 grisea, 514
 juncea, 514
 mirabilis, 514. 515
 mode of growth in the, 586
 phosphorea, 514
 proper, (*Cuv.*) 514
 reniformis, 515
 rubra, 514
 Pennella, (*Oken.*) 466
 filosa, 466
 Pentacrinites, the, 444
 Pentasmiss, (*Leach.*) 135
 Pentastoma, (*Rud.*) 464
 tænioides, 464
 Perdix, 75
 Perna, (*Brug.*) 98
 Peronæa, (*Poli.*) 112. 114
 Petricola, (*Lam.*) 117
 Phasianella, (*Lam.*) 61
 Phœnicuri, 475
 Pholades, the, 406
 phosphorescence of the, 409
 Pholadidoides Anglicanus, 282
 Pholas, (*Lin.*) 122
 candida, xii. 410
 dactylus, 123. 282
 hians, 124
 Phorcynia, of Lamarck, 483
 Phyline quadripartita, 46
 Phyllidia, (*Cuv.*) 41
 trilineata, 41
 Phylliroe, 52
 Physa, (*Drap.*) 35
 acuta, 35
 Physalia, (*Lam.*) 490
 Physaliæ, the, 569
 sting of the, 570
 Physaloptera, 463
 Physsophora, (*Forsk.*) 490
 filiformis, 492
 hydrostatica, 491
 proper, (*Peron.*) 491
 Pileolus, (*Sowerby.*) 66
 plicatus, 66
 Pileopis, (*Lam.*) 65
 Pinna, (*Lin.*) 101
 the genus, 391
 nobilis, 101
 Pinnæ marinæ, 528
 where found, 392
 Pintadinæ, the, (*Lam.*) 100
 Pintadina margaritacea, 387
 Pirena, (*Lam.*) 63
 terebialis, 63
 Placobranchus, (*Van Hasselt.*) 40, 41
 Placuna, (*Brug.*) 97
 Plagiostoma, (*Sowerb.*) 96
 Planaria, (*Müll.*) 474
 aurantiaca, 475
 Brocchii, 475
 cornuta, 475
 lactea, 475
 Planites of Haan, 15
 Planorbes, habits of the, 347
 Planorbis, (*Brug.*) 34
 Platycrinites, the, 444
 Pleurobranchæa, (*Meckel.*) 43
 Pleurobranchidium, (*Blain.*) 43
 Pleurobranchus, (*Cuv.*) 42
 Peronii, 43
 Pleurotoma, 57
 (*Lam.*) 80
 (*Murex, Lin.*) Babylonia, 280
 Plexaurus, (*Lamour.*) 508
 Plicatula, (*Lam.*) 98
 Plocameros, (*Leuckard.*) 37
 ocellatus, 37
 Plumatella, (*Bosc.*) 500
 Plumularia, (*Lam.*) 502
 Pneumodermon, (*Cuv.*) 19
 Peronii, 19
 Pneumon, of Aristotle, 526
 Pocillopora, (*Lam.*) 511

- Podopsis, (*Lam.*) xii. 96
 Pollicipes, (*Leach*) 135. 429
 Polpo moscardine, 307
 moscarolo, 307
 Polycera, (*Cuv.*) 37
 Polyclinum, 130
 Polylepe vulgaris, 282
 Polyparia, 499
 nantia, 513
 Polyphemus, 33
 Polyphysa, (*Lam.*) 507
 aspergillum, 507
 Polypi, the, 130. 438. 493. 499
 carnosi, 493
 cellulosi, 502
 the coralliferous, 581
 corticati, 507
 gelatinosi, 496
 supplement on the, 572
 tubiferi, 499
 Polypus, of the Ancients, 3. 289
 (*Aristotle*) 8.
 Polystoma, (*Zeder*) 473
 integerrimum, 473
 tænioides, 464
 Pompilus, (*Pliny*) 9
 Pompylos of Pliny, 304
 Porites, the, 511
 Porpita, (*Lam.*) 488
 Potamida, (*Brong.*) 78
 Pompylos, Lamarckii, 78
 Poteriocrinites, 444
 Poulpe musqué, 9
 Priapulus, (*Lam.*) 454
 Primnoa, (*Lamour.*) 508
 Prionoderma, (*Rud.*) 464
 Prostoma, 475
 Proteus, (*L.*) 521
 diffluens, 522
 Proto, (*Defr.*) 57
 Pterocera, (*Lam.*) 82
 Pteropoda, the, 4. 18
 supplement on the, 315
 Pterobrachea, (*Forsk.*) 50
 coronata, 51
 Psammobia, (*Lam.*) 122
 Psammotheca, (*Lam.*) 122
 violacea, 122
 Psilopus, (*Poli*) 110
 Psyche, 20
 Pudenda marina, 545
 Pudendum regale, 452
 Pulmonaria, the, 24. 26
 the aquatic, 33
 the terrestrial, 26
 Pulmonariæ, the, 322
 Pulvinites, (*Defr.*) 100
 Pupa, (*Lam.*) 31. 281
 Purgamenta maris, 527, 528. 545
 Purpura, (*Brug.*) xii. 75
 (*Lam.*) 358
 monoceros, 169
 Purpuræ, colours obtained from, 363.
 365
 the dye obtained from, 362
 habits of the, 359
 many species of the, 360
 mode of taking the, 362
 Pyrgo, (*Defrance*) 21
 Pyrgomæ, the, (*Savig.*) 137
 Pyrgoma cancellata, 137
 Pyrosoma, (*Péron*) 129
 the genus, 418
 Atlanticum, 130
 Pyrula, (*Lam.*) 81
 Racemides, (*Cuv.*) 491
 Radiolites, (*Lam.*) 92
 Ranella, (*Lam.*) 80
 Renilla, (*Lam.*) 515
 Retepora, (*Lam.*) 513
 Rhizophyza, (*Péron*) 491
 Rhizostoma proper, (*Cuv.*) 484
 suckers of, 566
 Rhizostome bleu, 484
 Rhodocrinites, the, 444
 Rhyncobothrium, (*Blain.*) 478
 Ricinula, (*Lam.*) 76
 Rissoa Freminvillii, 62
 Rostellaria, (*Lam.*) 82
 Rotella, (*Lam.*) 54
 Rotifera, 518
 Rotifère des toits, 519
 Rupellariæ, the, 408
 Salicornaria, 503
 Salpa, (*Gm.*) 126
 democratica, 127
 maxima, 127
 octofera, 128
 scutigera, 127
 Tilesii, 127
 tricuspis, 127
 Salpæ, the, 127, 413
 circulation of the, 414
 eggs of the, 416
 nutriment of the, 415
 Sanguinolaria, (*Lam.*) 122
 Sarcinula, (*Lam.*) 512
 Scalaria, the, 353
 (*Lam.*) 57
 Sclephites, (*Sowerb.*) 15
 Scarabæus, (*Montf.*) 35
 Scaturiginum, (*Drap.*) 35
 Scelorostoma, (*Blain.*) 463
 Scirpearia, (*Cuv.*) 515
 Scissurellæ, (*D'Orbigny*) 57

- Scolex, (*Müll.*) xii. 480
 gigas, 480
 Scutella, (*Lam.*) 448
 Scutibranchiata, the, 25. 85
 Scyllæa, (*Lin.*) 38
 pelagica, 39
 Scyllææ, the, 350
 Sea-acorns, 429
 Sea-anemones, 494. 572
 Sea-hare, the, 351
 Sea-hedge-hogs, 540
 Sea-nettle, 561
 Sea-nettles, the, 437. 481
 the fixed, 493. 572
 Sea-stars, the, 440. 525
 Sea-urchins, 445
 Sepia, (*Lam.*) 11
 (*Lin.* 8
 the genus, 283
 hexapus, 303
 loliigo, 10
 media, 11
 octopodia, 8
 octopus, 297
 officinalis, 12
 organ of hearing in, 143
 rugosa, 8
 sepiola, 11
 tuberculata, 12
 tunicata, 303
 unguiculata, 303
 Sepiæ, eggs of the, 286, 287
 fecundation of the, 285
 fishing for the, 293
 food of the, 284
 Sepiola, (*Cuv.*) 11
 vulgaris, 11
 Sepiotheutes, (*Blain.*) 11
 Septaria, (*Fer.*) 66
 Serialaria, (*Lam.*) 502
 Serialopora, 511
 Serpula anguina, 281
 Sertularia, (*Lin.*) 501
 abietina, 502
 anguina, 501
 antennina, 502
 chelata, 503
 dichotoma, 501
 eburnea, 503
 hælicina, 502
 lendigera, 502
 loricata, 503
 Myriophyllum, 502
 neritina, 503
 operculata, 502
 proper, 502
 verticillata, 501
 Ship-worm, 144
 Siderolithes, the, 16
 Sigaretus, (*Adans.*) xii. 67
 Sigillina, (*Sav.*) 130
 Siliquaria, (*Brug.*) 84
 anguina, 281
 Simplegades, (*Montf.*) 15
 Siphonaria, (*Sowerb.*) 67
 radiata, 281
 tristensis, 67
 Sipuncululus, (*Gm.*) 454
 edulis, 455
 levis, 455
 verrucosus, 455
 Sistra, (*Montf.*) 76
 Slug, the phosphorescent, 328
 Slugs, the common, 322
 Snail, the common, 29
 Snails, the, 322. 329
 medicinal use of, 340
 sense of touch in, 330
 Solarium, (*Lam.*) 56
 Sole of the Indian Ocean, the, 94
 Solemya, 120
 Solen, the, 403
 (*Lin.*) (*Cuv.*) 121
 anatinus, 119
 legumen, 122
 minutus, 121
 sanguinolentus, 122
 strigilatus, 122
 Solens, history of the, 404, 405
 Sornet, of Adanson, 46
 Sparus rail, 483
 Spatangus, (*KL.*) 450
 brissus, 524
 depressus, 448
 Sphærulites, (*Lameth.*) 92
 Sphyrions, (*Cuv.*) 466
 Spirifer, (*Sowerb.*) 132
 Spiroptera, 463
 strumosa, 463
 Spirula, (*Lam.*) 12
 Australis, 280. 313
 Peronii, 313
 Spondylus, (*Lin.*) 97
 Sponge, the common, 517
 Sponges, the, 587
 Spongia, 587
 (*L.*) 517
 officinalis, 517
 Star-fish, the, 440. 538
 Stephanomia, (*Peron.*) 492
 amphitritus, 492
 Sternaspis, (*Otto.*) 456
 Strigea, (*Abildg.*) 471
 Stromatia, (*Lam.*) 86
 Strombus, (*Lin.*) 81
 amplus, 82
 fusus, 82
 lambis, 82

- Strombus pes pelicani*, xii. 82
 proper, (*Lam.*) 82
Strongylus, (*Müll.*) 462
 armatus, 462
 equinus, 462
 gigas, 462
Struthiolariæ, the, 80
Stycostraca, 17
Stylinæ, 512
Subsilien, what named, 403
Succinea, (*Drap.*) 31
 amphibia, 32
Synoicum, (*Lam.*) 130

Tabularia acetabulum, 507
Tænia apri, 479
 bovina, 479
 caprina, 479
 cellulosa, 479
 cerebralis, 479
 cordata, 479
 elliptica, 557
 ferarum, 479
 finna, 479
 globosa, 479
 lanceolæ, 464
 lata, 476
 ovilla, 479
 pisiformis, 479
 utricularis, 479
 vulgaris, 476
Tectaria, (*Montf.*) 54
Tectibranchia, the, 351
Tectibranchiata, the, 24
Telescopium, (*Montf.*) 55
Tellina, (*Lin.*) 113
 cornea, 112
 fluminea, 113
 gari, 122
 inæquivalvis, 121
 lactea, 114
 togata, 120
Tellinides, (*Lam.*) 114
Tenia vulgaris, 476
 nodulosa, 477
 solum, 477
Teniæ, 476
Tenioides, 476
Tentacularia, (*Bosc.*) 478
Terebellum, (*Lam.*) 71
 subulatum, 71
Terebra, (*Brug.*) 77
Terebratula, (*Brug.*) 131
Terebratulæ, the, 316. 421
 gills of the, 422
 muscular apparatus of the, 423
Teredina, (*Lam.*) 124
 personata, 124
 Cuv. Index.

Teredines, the, xii. 410
 habits of the, 412
Teredo, (*Lin.*) 123
 clava, 124
 injurious nature of the, 144
 navalis, 123. 282
 nigra, 282
 palmulatus, 124
Tergipes, (*Cuv.*) 40
Testacea, 90
 definition of, 141
Testacella, (*Lam.*) 28
 haliotoidea, 28
Tettrabranchiata, 42
Tetralasmis, (*Cuv.*) 136
 hirsutus, 136
Tetrarhyncus, (*Rud.*) 478
 lingualis, 478
Thæa, (*Lamour*) 502
Thalassema, (*Cuv.*) 456
 Neptuni, 456
Thalassema scutatum, 456
Thalassianthus Asterias, 495
 (*Ruppel*), 495
Thalia, (*Brown*) 126
 salpa, 413
Thecidea, (*DeFr.*) 133
 Mediterranea, 133
Thethya, (*Lam.*) 517
 (*Lin.*) 38
 fimbria, 38. 475
Theyton, of the ancients, 128
Tibiana, (*Lamour*) 501
 fasciculata, 501
Timorienna, (*Quoy & Gaim.*) 52
Tornatella, (*Lam.*) 63
Tremadotes, (*Rud.*) 471
Triantophora, (*Rud.*) 477
Trichocephalus, 459
 acetabularis, 474
 dispar, 459
Trichocera, (*Lam.*) 519
 innata, 519
Trichoda paxillum, 519
Trichodæ, 520
Trichostomus, (*Rus.*) 460
Tricuspida, (*Rud.*) 477
Tridacna, (*Brug.*) (*Lam.*) 109
Trigonia, (*Brug.*) 103
 scabra, 104
Trigone nacrée, 103
Tristoma, (*Cuv.*) 473
 coccineum, 473
Triton, (*Lin.*) 134
Tritonia, (*Cuv.*) 38
 Homborgii, 38
 elegans, 38
 glauca, 38
 rubra, 38
 F f

- Tritonium, (*Lam.*) xii. 79
 Trochoida, 54
 Trophona, (*Montf.*) 79
 Trochus, (*Lin.*) 54
 agglutinans, 55
 cinerarius, 55
 concavus, 55
 dolabratus, 63
 foveolatus, 55
 inermis, 54
 Indicus, 55
 iris, 55
 labeo, 61
 maculatus, 55
 perspectivus, 56
 telescopium, 55
 tessellatus, 60
 vestiarius, 54
 virgatus, 55
 Tubicinella, (*Lam.*) 137
 Tubicinellæ, the, 137
 Tubicolaria, (*Lam.*) 519
 Tubipora, (*L.*)
 catenulata, 500
 musica, 500
 Tubularia, (*L.*) 500
 campanulata, 500
 cornucopia, 501
 coryna, 498
 indivisa, 501. 530
 marina, 500
 Tubulibranchiata, 83
 Tubulipora, (*Lam.*) 504
 Turbinella, (*Lam.*) 81
 Turbinolia, (*Lam.*) 510
 Turbinolopses, (*Lamour.*) 511
 ocracea, 511
 Turbo, (*Lin.*) 32. 56
 (*Montf.*) 56
 the genus, 353
 calcar, 54
 clathrus, 58
 delphinus, 57
 elegans, 58
 imbricatus, 57
 lincina, 58
 littoreus, 60
 marmoratus, 353
 nodulosus, 57
 petholatus, 56
 pica, 56
 scalaris, 58
 thermalis, 230
 uva, 31
 Turcocerca, (*Lam.*) 521
 Turrilites, (*Montf.*) 16
 Turritella, (*Lam.*) 57
 Typhis, (*Mont.*) 79
 Umbrella, (*Lam.*) xii. 48
 Unguis odoratus, 56
 Ungulinæ, the, 115
 Ungulina transversa, 115
 Unio, (*Brug.*) 106
 the, 401
 the genus, 386
 littoralis, 106
 margaritifera, 389
 Urchins, 540
 Urceolaria, (*Lam.*) 520
 Urtica marina, 561
 Vaginicola, (*Lam.*) 519
 Vaginulus, (*Férus.*) 27
 Valvata, (*Müll.*) 58
 cristata, 59
 planorbis, 59
 Velata, (*Montf.*) 64
 Velella, 489
 Venericardia, (*Lam.*) 108
 Venus, the genus, 403
 (*Lin.*) 115
 chione, 282
 deflorata, 117
 Dione, 116
 dionea, 169
 dysera, 116
 exoleta, 116
 fimbriata, 113
 gigantea, 116
 imbricata, 108
 Islandica, 113
 lapicida, 117
 litterata, 116
 meretrix, 116
 monstrosa, 117
 pectinata, 117
 Pennsylvanica, 115
 ponderosa, 108
 puerpera, 116
 scripta, 116
 scotica, 116
 tigerina, 117
 Veretillum, (*Cuv.*) 515
 Vermetus, (*Adans.*) 83
 (*Serpula*) Adansonii, 281
 Vermiliæ, the, 84
 Vertumnus Otto, 475
 thethidicola, 475
 Vibrio, (*Müll.*) 521
 aceti, 521
 glutinis, 521
 Vigneau, le, 60
 Virgularia, (*Lam.*) 514
 Vitrina, (*Drap.*) 30
 Voluta, (*Lin.*) 34. 71

Voluta Æthiopica, xii. 72
 auris Judæ, 36
 auris Midæ, 36
 cancellata, 73
 glabella, 73
 mercatoria, 73
 minuta, 36
 musica, 72
 musicæ, 280
 proper, 72
Volvæ, (*Montf.*) 71
Volvaria, (*Lam.*) 72
 bulloides, 72
 monilis, 72
Volvox, 522
Vorticella, 498

Vorticella, of Müller, xii. 579
 racemosa, 580
 tetrapetala, 520
Vulsella, (*Lam.*) 98

Worm, the ship, 410
 Worms, the intestinal, 437
 the molluscous, 152
 testaceous, 152

Zoanthus, (*Cuv.*) 495
 Zoomorphoses of Guettard, 146
 Zoophytes, the, 435
 supplement on the, 523

ARTICULATA.

VOL. XIII.

Abranchia, the, xiii. 28. 112
 asetigera, 76
 distinction of, 7
 setigerous, 28
 without setæ, 31
 Acanthonyx, (*Latr.*) 165
 Acarides, the, 502. 529
 proper, 503
 Acarus, (*Fab.*) 505
 (*Lin.*) 502
 the genus, 529
 autumnalis, 508
 domesticus, 529
 exulcerans, 532
 farinæ, 531
 hairs of the, 530
 longicornis, 505. 518
 marginatus, 502
 passerinus, 533
 proper, (*Lat.*) 529
 reduvius, 507
 ricinus, 507
 telarius, 504
 testudinarius, 502
 Achæus, (*Leach*) 171
 Cranchii, 171
 Alcipoa Renaudii, 22
 Aclysia, (*Aud.*) 509
 dytisci, 509
 Acoëtes, (*Aud. & Edw.*) 27
 Pleei, 27
 Actinea, the, 11
 Admetus, (*Herbst.*) 149
 Æga, 218
 Æglea, (*Leach*) 184
 Æthra, (*Leach*) 173
 depressa, 173
 Aglaura, (*Sav.*) 20
 Aglaura fulgida, 20

Agonata, of Fabricius, xiii. 227
 Agnostus, (*Brogn.*) 380
 heteromorphous genus of, 379
 Agrab, (a scorpion) 491
 Albiona, (*Sav.*) 34
 verrucosa, 34
 Albunea, (*Fab.*) 178
 Alcipoa, (*Aud. & Edw.*) 22
 Alima, (*Leach*) 201
 hyalina, 201
 Alpheus, (*Fab.*) 192
 elegans, 192
 Malabaricus, 192
 sivado, 194
 thyrenus, 192
 Amphictenæ, (*Sav.*) 14
 Amphinome, the, 93
 (*Brug.*) 18
 chevelue, 18
 Amphipoda, 204
 order of, 315
 Ampithoë, (*Leach*) 209
 Amphitrite, (*Cuv.*) 14
 auricoma, 14
 auricoma Belgica, 14
 auricoma Capensis, 15
 cristata, 13
 dorée, 15
 infundibulum, 12
 nereis, to what belongs, 43
 ostrearia, 15
 pectinaria, 88
 penicillus, 10
 plumosa, 15
 proboscidea, 10
 reniformis, 12
 ventricosa, 13
 vesiculosa, 12
 volutacornis, 12

- Amphitritea chetopoda heterocrisina,
 xiii. 9
 Amphitrites, skin of the, 86
 Amynone, (*Müller*) 332
 Anceus, head of the, 236
 Anceus, (*Riss.*) 212
 forficularis, 212
 Animal-flower, the, 11
 Annelida, the, 3. 6.
 the setigerous, 41
 supplement to the, 37
 Annelides, when first named, 48
 Anomala, 177
 Anthosoma, (*Leach*) 374
 Smithii, 374
 Anthura, (*Leach*) 222
 antennæ of, 219
 Antonomea, (*Risso*) 193
 Olivii, 193
 Aphrodita, (*Lin.*) 25
 aculeata, 26. 76
 cirrhosa, 26
 clava, 27
 hystrix, 26
 lepidota, 26
 plana, 27
 punctata, 26
 squamata, 6. 26
 Aphroditæ, of Pallas, 18
 blood of the, 6
 Aphrodite aculeata, 67
 carunculata, 18
 Apoda, (*Blain.*) 76
 Apseudes, (*Leach*) 211
 Apus, (*Scop.*) 355
 annulated body of, 238
 canciformis, 359
 Montagui, 359
 vert, 359
 Aquatic-fleas, what called, 270
 Arachneida, egg of the, 2
 Arachnida, the, 4. 131
 abdomen of the, 439
 body of the spinning, 440
 feet of the, 442
 organs of manducation of, 441
 supplement to the, 438
 supplement on the trachean,
 510
 web of the, 447
 Arachnides, the, 383
 the pulmonary, 385
 the trachean, 385. 495
 Araignée à bandes blanches, 432
 à chevrons, 432
 domestique à longues pattes, 412
 maçonne, 399
 mineuse, 399
 Araignées-crabes, 398
 Aranea, (*Lin.*) xiii. 387
 aquatica, 410
 avicularia, 397
 avicularia, bite of, 554
 cancer, 448
 cementaria, 464
 cicatrosa, 416
 citrea, 424
 conica, 417
 cucurbitina, 417
 diadema, 416
 esuriens, 415
 Florentina, 408
 formicaria, 432
 globosa, 424
 impressa, 416
 irregularis, 424
 labyrinthica, 468
 levipes, 422
 mactans, 411
 picea, 401
 saccata, 428
 sanguinolenta, 431
 Sauvagesii, 400, 464
 scalaris, 416
 scenica, 432. 485
 senoculata, 417
 smaragdula, 419
 tarantula, 428
 tredecim guttata, 411
 viridissima, 419
 Araneides, 387
 bite of the, 394
 body of the, 452
 diving bell of the, 469
 the wandering, 449
 the young, 451
 Araneus amentatus, 428
 margaritarius, 422
 Arborescent aquatic flea, 333
 Arcania, (*Leach*) 162
 Arcturus, (*Latr.*) 223
 tuberculatus, 223
 Arcuata, 151
 Arenicola, 91
 (*Lam.*) 17
 clavata, 18
 gills of the, 92
 œsophagus of the, 93
 piscatorum, 17
 what called, 41
 Argas, (*Lat.*) 507
 perricus, 507
 Argule foliacée, 370
 Argulus, (*Müller*) 366
 charon, 369, 370
 delphinus, 370
 foliaceus, 365
 Argyroneta, (*Lat.*) 410

- Argyroneta, the genus, xiii. 468
 aquatica, 468
 Aricia, (*Sav.*) 24
 Cuvierii, 24
 Aristenia, (*Sav.*) 18
 Armadillo, 225
 Artemia, (*Leach*) 350
 salina, 350
 Articulated animals, the, 1
 Asaphus, (*Brogn.*) 381
 of Brogniart, 381
 Aselle d'eau douce, 223
 Asellota, (*Lat.*) 223
 Asellus, (*Geof.*) 223
 Aspidiphora, (*Latr.*) 355
 Astaci, colour of the, 298
 eggs of the, 297
 fishing for, 303
 food of the, 302
 the fresh water, 301
 ganglia in the, 244
 liver of, 256
 reproduction of parts in the, 299
 Astacini, (*Latr.*) 183. 185
 mandibles of the, 234
 Astacus, 177
 (*Fab.*) 188
 the genus, 296
 marinus, 176
 eyes of, 246
 organization of, 230
 Atelecyclus, 152
 Athanas, (*Leach*) 194
 nitescens, 194
 Athax, (*Fab.*) 507
 Atoma, (*Latr.*) 509
 Atte fourmi, 432
 Attus, (*Walck.*) 431
 Atya, (*Leach*) 190
 scabra, 190
 Atylus, (*Leach*) 209
 carinatus, 209
 Atypus, (*Latr.*) 401
 Sulzeri, 401
 rufipes, 402
 Aulastoma, (*Mog. Tan.*) 33
 nigrescens, 33
 Axius, (*Leach*) 187
 stirhynchus, 187
 Bdella, (*Latr.*) 505
 (*Sav.*) 33
 Nilotica, 33
 Binocle à queue en filet, 359
 à queue en plumet, 373
 Binoculus, (*Geoff.*) 325. 355
 Bipettata, 202
 Birgus, (*Leach*) 180
 Bopyrus, (*Latr.*) xiii. 216
 crangorum, 216
 cymothoë, 319
 Branchellion, 34
 torpedinis, 35
 Branchiarius quadrangulatus, 27
 Branchiobdella, (*Blain.*) 34
 (*Odier*) 33
 astaci, 33
 Branchiobdellion, (*Rud.*) 34
 Branchiopoda, the, 324
 what called, 241
 Branchipe des marais, 352. 354
 Branchipes, annulated body of, 238
 Branchipus, (*Lat.*) 350
 stagnalis, 354
 Buthus, (*Leach*) 436
 occitanus, 437
 Bychorco, of the Calmucs, 514
 Cænobita, (*Latr.*) 180
 Calanus, (*Leach*) 333
 Calappa, (*Fab.*) 173
 fornicata, 173
 granulata, 173
 Caligides, (*Lat.*) 365
 Caligus, (*Müll.*) 371
 curtus, 372
 elongatus, 372
 imbricatus, 374
 Mulleri, 372
 piscinus, 372
 productus, 374
 proper, 372
 risculus, 372
 Callianassa, (*Leach*) 187
 subterranea, 187
 Calymene, (*Brogn.*) 380
 Campecopea, (*Leach*) 221
 Camposcia 167
 Cancelli, what called, 180. 304
 Cancer, the, 147. 285
 (*Fab.*) 151
 of Linnæus, 137
 angulatus, 156
 araneus, 168
 arctus, 183
 articulosus, 210
 asper, 164
 astacus, 189
 Bernhardus, 181
 bimaculatus, 148
 cervicornis, 167
 corallinus, 152
 corrugatus, 150
 cristatus, 167
 cursor, 158
 cymodoce, 155

- Cancer dentatus, xiii. 151
 dodecos, 171
 dormia, 175
 dromia, 175. 296.
 fluvialis, 155
 gammarus, 189
 grossimanus, 209
 spinosus, 210
 germanus, 327
 granulatus, 173
 grassipes, 211
 hexapus, 185
 homarus, 304
 lanatus, 174
 latipes, 147. 150
 latro, 180
 macrouri, 287
 maculatus, 152
 mænas, 150. 273. 280
 maia, 172
 mantis, 200
 marinus, 304
 monoculoides, 206
 Norvegicus, 188
 organization of, 230
 pagurus, 151, 152. 273
 palmatus, 209
 pedatus, 214
 platychiles, 185
 puber, 150. 273
 pulex, 209
 rhomboides, 156
 rubricatus, 210
 ruricola, 160. 294
 salinus, 350
 setiferus, 190
 spinifrons, 154
 squinado, 166
 superciliosus, 168
 symnista, 178
 uca, 159
 what called, 275
 Canolira, (*Leach*) 218
 Caprella, (*Lamarck*) 214
 Carcinoida, (*Latr.*) 325
 Carcinion, what called, 180. 304
 Carcinos potamios, 278
 Carcins of Dr. Leach, 276
 Cardisoma, (*Latr.*) 159
 Carides, 189
 Caris, (*Lat.*) 508
 Carpilius, (*Leach*) 152
 Cecrops, de Latreille, 375
 (*Leach*) 375
 Cephalothorax, (*Lat.*) 372
 Cerapus, (*Say*) 210
 tubularis, 210
 Ceriques, the, 288
 Cheliceræ, (*Lat.*) 360
 Chelifer, (*Geoff.*) xiii. 497
 feet of the, 520
 the genus, 518
 cancroides, 518
 Cheliferi, body of the, 519
 Chetopoda, the, 41
 arrangement of the, 49
 body of the, 53
 colour of the, 58
 difference in the rings of, 57
 digestive apparatus of, 63
 distinction of the, 50
 food of the, 74
 gill of the, 55
 internal organization of the, 60
 intestinal canal of the, 59
 rings of the, 54
 liver of the, 66
 mastication of the, 65
 nervous system of the, 71
 observations on the, 47
 organization of the, 52
 setæ of the, 56
 where placed, 51
 Chetopods tubicolous, 75
 Cheyletus, (*Lat.*) 504
 Chilodorus, (*Leach*) 347
 Chirocephale diaphane, 351, 352. 354.
 Chirocephalus, (*Jurine*) 350
 Chloëia, (*Sav.*) 18
 Chætopterus, (*Cuv.*) 27
 Pergamentaceus, 28
 Chorinus, (*Leach*) 166
 Chrysodontes, (*Aken.*) 14
 Cilicæa, (*Leach*) 221
 Latreillii, 221
 Cirè apoa, 278, 288
 Cirolana, (*Leach*) 219
 Cirrhatulus (*Lam.*) 25
 Lamarckii, 25
 Cirrhinère filigère, 25
 Cistenæ (*Leach*) 14
 Citigrades, the, 425
 Cladocera, (*Cuv.*) 337
 (*Lat.*) 326
 Clepsina, (*Sav.*) 35
 paludosa, 35
 Clitellio, (*Sav.*) 29
 Cloportes, 318
 Cloportides, (*Latr.*) 318
 Clorodius of Dr. Leach, the, 151
 Clotho, (*Walek.*) 404
 Durandii, 405
 Clubiona, (*Lat.*) 409
 Clymena, (*Sav.*) 31
 amphistoma, 31
 Ebiensis, 31
 lumbricalis, 31
 Condylura, (*Lat.*) 328

- Condylure de Dorbigny, xiii. 328
 Conilira, (*Leach*) 218
 Contractiles, (*Calymena*) 381
 Coronis, (*Latr.*) 201
 Corophium, (*Latr.*) 211
 the subgenus, 317
 longicorne, 317
 Crorystes, (*Latr.*) 161
 Crab, the, 147
 of our coasts, common, 150
 the Molucca, 361
 what called, 275
 Crab-spiders, bite of the, 394
 Crabes boursières, 292
 de paletuviers, 294
 Crabs, courage of, 271
 the earth, 283
 the land, 158, 271. 288
 the painted, 289
 pouched, 292
 properly so called, the, 151
 the violet, 288. 291
 the white, 288, 289, 290
 Crangon, 313
 (*Fab.*) 191
 vulgaris, 191
 Craw-fish, 177
 Crustacea, the, 3. 131
 division of the, 137
 egg of the, 2
 eyes of the, 232
 food of the, 272
 generation of, 262
 gills of the, 259
 hearing of the, 248
 heart of the, 257
 local habitations of, 268
 modes of motion of, 269
 moulting of the, 252
 muscles of the, 242
 nervous system of the, 134
 nutrition of the, 253
 products of generation of, 265
 reproduction of lost members of,
 266
 respiration of the, 258
 sense of smell in, 249
 sense of taste in, 250
 skin of the, 251
 stomach of the, 254
 supplement on the, 226
 Cryptopoda, 172
 Cryptopus (*Latr.*) 195
 Defranci, 195
 Ctenus, (*Walck.*) 426
 Cyamus, (*Latr.*) 214
 proper, (*Lat.*) 215
 Cyclops, (*Müll.*) 329
 castor, 333
 Cyclops exiliens, xiii. 328
 quadricornis, 333
 staphylinus, 332
 Cymodocea, (*Leach*) 221
 Cymothoa, (*Fab.*) 217
 œstrum, 217
 paradoxa, 217
 Cymothoada, (*Lat.*) 216
 Cynoræsthes, (*Hermon*) 506
 Cynorhæstes pictus, 507
 Cypris, (*Müll.*) 334
 carapace of, 237
 strigata, 335
 Cytherea, (*Müll.*) 334
 Cytherina, (*Lam.*) 334
 Dactylocera, 206
 Daphnia, (*Müll.*) 340
 cristallina, 338
 gigas, 349
 longispina, 347
 magna, 345
 pulex, 345, 346, 347
 setifera, 338
 sima, 340. 347
 Daphnides, (*Straus*) 326. 337
 Daphnis, carapace of, 237
 Decapoda, 140
 in general, 139
 Decapods, brachyurous, 146
 circulation of the, 141
 the macrourous, 176
 Decempedes, (*Latr.*) 211
 Dentalium, 16
 aprinum, 17
 arcuatum, 17
 dentalis, 17
 elephantinum, 16
 entalis, 17
 fasciatum Martini, 17
 habits of the, 91
 rectum, 17
 sexangulum, 17
 striatulum, 17
 Dexamine, (*Leach*) 210
 Dichelestium, (*Hermann*) (*Son.*) 375
 sturionis, 376
 Dinemoura, (*Lat.*) 373
 Diplotes hyalina, 27
 Doelæa, (*Leach*) 168
 Rissonii, 169
 Dolomedes, (*Latr.*) 426
 Dorippe, (*Fab.*) 174
 lanata, 174
 Dorsibranchia, 17. 91
 distinction of, 7
 Drassus, (*Walck.*) 406
 lucifugus, 408
 relucens, 408

- Drassus segestriiformis*, xiii. 407
 viridissimus, 407
Dromia (*Fab.*) 175
 Indica, 296
Dromiæ, the, 296
Dynamene, (*Leach*) 221
Dynomene, (*Latr.*) 175
 hispida, 175
Dysdera, (*Latr.*) 402
 erythrina, 411

Ebalia, (*Leach*) 162
Egeon, (*Risso*) 191
Egeria, (*Leach*) 168
 Indica, 169
Elmins of Hippocrates, 39
Emerita, (*Gronov.*) 178
Enterion, (*Sav.*) 29
Entomolithus paradoxus, 378
Entomostraca, the, (*Müll.*) 320
 antennæ of the, 322
 characters of, 137
Entomostracites, what called, 380
Entomozoa apoda, 7
 chetopoda, 7
 what called, 95
Entomozoaria, what called, 95
Epeira, (*Walck.*) 415
 apolisca, 476
 cicatrosa, 416. 475
 conica, 417
 curcubitina, 415. 417
 diadema, 390. 416
 diadema, cocoon of the, 444
 diadema, web of the, 448
 fasciata, 417
 fusca, 417
 scalaris, 416
 sericea, 388. 416
Epeïræ, the, 474
Epeïre de l' Opuntia, 418
Epibdella, (*Blain.*) 35
Epicarides, (*Lat.*) 216
Episinus, (*Walck.*) 411
Eresus, (*Walck.*) 431
Erichthus, (*Latr.*) 201
 vitreus, 201
Eriodon, (*Latr.*) 402
 occatorius, 402
Eriphia, (*Latr.*) 154
Erpobdellæ, (*Blain.*) 33
Eryon, (*Desm.*) 188
 Cuvierii, 188
Erythræus, (*Lam.*) 503
Esox belone, 372
Eteone, (*Sav.*) 19. 22
Etreilles, (*Cuvier*) 276
Eulalia, (*Sav.*) 21
Eulai, what named, 38

Eulimene, xiii. 354
 blanchâtre, 355
Eumolpe, (*Oken*) 26
 maxima, 27
Eunice, (*Cuv.*) 19
 the genus, 111
 gigantea, 19
 harassii, 19
Eunomia, (*Risso*) 21
Eupheus, (*Risso*) 211
 ligioides, 211
Euphrosyne, (*Sav.*) 13
 laureata, 18
 mirtosa, 18
Eurydice, 219
Eurynoma, (*Leach*) 164
Exochinata, (*Fab.*) 176
Extensiles, (*Asaphus*, *Ogygia*, *Paradoides*), 381
Eylais, (*Lat.*) 508

Filiforma, (*Latr.*) 214
Filistata, (*Latr.*) 403
Fish-lice, 371
Flea, arborescent aquatic, 338
Fly, St. John's, 473

Galathadæ, (*Leach*) 183
Galathea, (*Fab.*) 184
 gregaria, 184
 rugosa, 184
Galeodes, the genus, 510
 (*Oliv.*) 496
 Arabs, 516
 araneoides, 511. 517
 bite of the, 515
 body of the, 511
 dorsalis, 517
 feet of the, 513
 jaws of the, 512
 melanus, 516
 phalangium, 516
 setifera, 517
Gargonali, (a scorpion,) 491
Gamasus, (*Latr.*) 504
Gammarinæ, (*Latr.*) 207
Gammarus, the genus, 315
 (*Fab.*) 205
 eyes of, 247
 padatus, 214
 proper, (*Latr.*) 209
 salinus, 350
Gebia, (*Leach*) 186
 stellata, 186
Gecarcini, the, 288
Gecarcinus, (*Latr.*) 160
 pictus, 289

Gelasimus, (*Lat.*) xiii. 157
 the genus, 281
Gelasima maracoani, 282
Gelasimus pugillator, 282
 vocans, 282
Geo-bdella, (*Blain.*) 33
 trochetii, 33
Glosso-bdella, (*Blain.*) 35
Glossopera, (*John's*) 35
Glycera, (*Sav.*) 23
 Meckelii, 23
Gnathia, (*Leach*) 212
Gnathophyllum, (*Latr.*) 192
Gomezia, new genus of, 296
 bicornis, 296
Gonodactylus, (*Latr.*) 200
Gonoleptes, (*Kirby*) 501
Gonoplax, (*Leach*) 156
Gordius, 35
 aquaticus, 36
Grancio, of the Italians, 278
Granzo, of the Italians, 279
Grapsi, the, 294
Grapsus, (*Lam.*) 160
 cinereus, 295
 pictus, 289. 294. 458
 varius, 160. 295
Grimotea, (*Leach.*) 184

Hæmocharis, (*Sav.*) 34
Hæmopsis, (*Sav.*) 32
 sanguisorba, 32
Haliæthea, (*Sav.*) 26
Helluo, (*Oken.*) 33
Hermits, what called, 305
Hesione, 24
 festiva, 24
 pantherina, 24
 splendida, 24
Hepatus, (*Lat.*) 153
 fasciatus, 154
Heteropa, 211
Hippa, (*Fab.*) 178
 adactyla, 179
Hippeus, what called, 283
Hippides, (*Latr.*) 178
Hyppolyte, (*Leach*) 193
Hipponoe, (*Aud. & Edw.*) 19
 Gaudichaudii, 19
Hirudo, (*Lin.*) 31
 branchiata, 27. 35
 complanata, 35
 grossa, 35
 hippoglossi, 35
 hyalina, 35
 medicinalis, 32
 medicinal utility of, 120

Hirudo muricata, xiii. 34
 octoculata, 33
 piscium, 34
 sanguisuga, 32
 sexoculata, 35
 trioculata, 35
 vittata, 34
 vulgaris, 33
Holetra, 526
 (*Hermann*) 500
Homola, (*Leach*) 174
 spinifrons, 174
Homard, 304
Hyas, (*Leach*) 168
Hydrachna, (*Lat.*) 508
 (*Müll.*) 507
Hydrachnellæ, 507
Hymenocera, (*Latr.*) 192
Hymenosoma, (*Leach*) 170
 orbicularia, 170
Hyperia, (*Latr.*) 206
Hypobdella, (*Blain.*) 32
Hypogæon, (*Sav.*) 30
 hirtum, 30

Ibacus, (*Leach*) 183
 Peronii, 183
Ichthyobdella, (*Lamarck*) 34
Ichthyophilus, (*Latr.*) 217
Idotea, (*Fab.*) 222
 aquatica, 223
Idoteides, (*Leach*) 222
Ilia, (*Leach*) 162
 nucleus, 162
Inachus, (*Fab.*) 170
 cornutus, 166
 Dorsettensis, 171
 sagittarius, 171
Inequiteles, 410
Infusoria, what named, 46
Insects, the, 4. 131
Intestinal worms, what named, 39
Iône, 207
Iphis, (*Leach*) 162
Isopod, the order, 318
Isopoda, 215
Ixa, (*Leach*) 162
Ixodes, (*Latr.*) 506
 ricinus, 507
 reflexus, 507
 reticulatus, 507

Jæra, (*Leach*) 224
 albifrons, 224
Janira, (*Leach*) 223
 maculosa, 223
Jassa, (*Leach*) 211

 G g 2

- Jassa pulchella*, xiii. 211
Jatrobella, (*Blain.*) 32
- Kabutogani*, of the Japanese, 364
Kalimus, (*Latr.*) 168
Karis, what named, 313
Kleistagnatha, (*Fab.*) 146
- Labinia emarginata*, 169
Læmodipoda, 213
 the order, 318
Lambrus, (*Leach*) 164
Land-crabs, the, 271
Larunda, (*Leach*) 215
Latona, 338
Leech, the, 31
 food of the, 129
 nervous system of the, 126
 sexual organs of the, 127
 the stomach of the, 125
 the horse, 32
 the black, 33
 the body of a, 121
 venous system of the, 126
Leeches, apparatus of digestion of, 124
 apparatus of locomotion of, 123
 the envelope of the, 122
 residence of, 130
Leodice, (*M. de Blain.*) 19
 attenuata, 19
 Gallica, 19
 Hispanica, 19
Lepidia, (*Sav.*) 21
Lepidurus, (*Leach*) 356
Leptomera, (*Lat.*) 214
Leptopodia, (*Leach*) 171
Leptopus, (*Lam.*) 169
Leptus, (*Lat.*) 503
 the subgenus, 529
 autumnalis, 508
Lernæiformes, (*Lat.*) 375
Leucosia, (*Fab.*) 161
 (*Leach*) 162
 cylindrus, 162
Leucothoë, (*Leach*) 210
Libinia, (*Leach*) 168, 169
 canaliculata, 169
Ligia, (*Fab.*) 224
Limnadia, (*Adolph. Brgn.*) 348
 Hermani, 349
Limnatis, (*M. Moquin-Tandon*) 33
Limnochara, (*Lat.*) 508
Limnoria, (*Leach*) 219
 terebrens, 219
Limulæ, segmentary division of, 231
 blanc, 365
 des Moluques, 365
- Limulus*, *serricaude*, 359
 (*Fab.*) xiii. 361
 (*Müll.*) 355
 cyclops, 363, 364
 heterodactylus, 364
 palustris, 359
 Polyphemus, 365
 Sowerbii, 364
 tridentatus, 365
Lingyphia, (*Latr.*) 413
 triangularis, 473
Lissa, (*Leach*) 165
Lithodes, (*Latr.*) 172
Lobster, the, 177. 304
Lobsters, gigantic, 310
Locusta, why named, 182
Lombrinère brillant, 23
Lophyropa, the, 324, 325. 337
Louvette, 506
Lucanus cervus, 236. 354
Lumbrici, 37
 circulatory apparatus of, 115
 dorsal vessel of the, 69
 general envelope of the, 114
 little utility of the, 118
 mouth of the, 64
 nervous system of the, 116
 organization of the, 113
Lumbricus, the genus, 112
 proper, (*Cuv.*) 28
 armiger, 24
 cirrhatus, 25
 fragilis, 23
 lineatus, 30
 marinus, 17. 41. 91
 minutus, 29
 to what restricted, 39
 sabellaris, 31
 squamatus, 23
 terrestris, 29. 41
 tubicola, 30
 tubifex, 30
Lumbrinera, (*Blain.*) 23
Lupa, of Dr. Leach, 149
Lycastis, (*Sav.*) 23
Lycoris, (*Sav.*) 20
 Egyptia, 21
 nuntia, 21
Lycosa, (*Latr.*) 427
 allodroma, 480
 amentata, 481
 fabrilis, 428
 littoralis, 481, 482
 perita, 480
 ruricola, 482
 of the South of France, 483
 tarantula, 388. 427, 428. 480
Lycosæ, the, 480
 eggs of the, 393

Lycose Narbonnaise, xiii. 428
ouvrière, 428

Lynceus, carapace of, 237

Lynceus, (*Müll.*) 347

Lysidice, (*Sav.*) 20

Galatina, 20

Olympia, 20

Valentina, 20

Lysmata, (*Risso.*) 193

seticauda, 193

Macrocheles, (*Latr.*) 502

Macropa, (*Latr.*) 185

Macropodia tenuirostris, 171

(*Leach*) 171

Macrophthalmus, (*Leach*) 156

Macrourous decapods, 296

Mæra, (*Leach*) 209

Maia, the, 295

(*Leach*) 166

longipes, 170

retuja, 167

squinado, 163. 273

taurus, 166

Malacobdellæ, (*Blain.*) 35

Malacostraca, characters of, 137

the natural division of, 138

with sessile eyes, the, 202

what called, 228

Marmagnato, (*spider*) 472

Marmignatto, (*spider*) 472

Marphisæ, (*Sav.*) 19

Matuta, (*Fab.*) 147

Megalope maculata, 312

sculpta, 312

Megalopus, (*Leach*) 185

Melanogaster, (*Cuv.*) 408

Melita, (*Leach*) 209

Meria glabra, 165

Micippus, (*Leach*) 166

Micrommata, (*Lat.*) 419

argelas, 390

smaragdina, 477

Micrommate argelas, 419

à tarsi spongieuses, 420

smaragdine, 419

Microphira, (*Lat.*) 508

Miclyris, (*Latr.*) 158

Misis, (*Latr.*) 195

Missulena, (*Walck.*) 402

Mite, the common, 529

the domestic, 529

in flour, the, 531

of the itch, 531

Mites, 502. 529

Mithrax, (*Leach*) 165

spincinctus, 165

Monoculus, 215

Monoculus of Linnæus, xiii. 137. 320.
325

apus, 359

foliaceus, 370

gyrini, 371

pediculus, 339

piscinus, 372

Polyphemus, 325. 365

pulex, 347

quadricornis, 333

Salmoneus, 374

taurus, 327

Monolepis, (*M. Say*) 185

Muleion, (*Latr.*) 195

Lesueurii, 195

Mygale, 395

the genus, 556

ariana, 466

avicularia, 397. 459. 460

avicularia, abode of, 462

cæmentaria, 399. 463

calpeiana, 398

cancerides, 458

cardense, 400

carminans, 399. 463

dwelling of the, 465

eggs of the, 462

fasciata, 398

fodiens, 400

the mason, 462

nidulans, 400

nipples of the, 443

poison of the, 461

recluse, 462

Sauvagesii, 400

Valentina, 398

proper, (*Walck.*) 396

Myriana, (*Sav.*) 27

Myrmecia, (*Lat.*) 429

fulva, 429

Mysis Fabricii, 195

Næsa, (*Leach*) 221

bidentata, 221

Næides, the, 119

Næis, (*Lin.*) 30

cæca, 30

digitata, 30

elinguis, 30

littoralis, 30

proboscidea, 30

Rathke, 22

serpentina, 30

tubifex, 31

vermicularis, 30

Nauplius, (*Müll.*) 332

Naupredia, (*Latr.*) 241

Naxia, (*Leach*) 165

- Nayades, (*Walck.*) xiii. 409
 Nebalia, 195
 (*Leach*) 327
 Herbstii, 328
 Nebalie ventrue, (*Risso.*) 328
 Nelocira, (*Leach*) 219
 Nephelis, (*Sav.*) 33
 atomaria, 33
 Nephrops, (*Leach*) 188
 Nephthys, (*Cuv.*) 23
 Hombergii, 23
 Nereïdes, abdominal appendages of the, 101
 body of the, 97
 circulation of the, 107
 dorsal muscular bands of, 62
 external parts of the, 96
 eyes of the, 102
 food of the, 110
 habitation of the, 109
 rings of the, 98
 locomotive apparatus of the, 103
 mouth of the, 104
 proboscis of the, 99
 teeth of the, 100
 Nereïphylla, (*Blain.*) 21
 Nereïphyllæ de Pareto, 21
 Nereis of Linnæus, 94
 alba, 23
 aphrodisioides, 27
 armillaris, 22
 Beaucoudraisii, 21
 bifrons, 24
 cæca, 27
 conchilega, 82
 crassa, 19
 cuprea, 19
 ebranchiata, 23
 fimbriata, 20
 flava, 22
 gigas, 68. 105. 106
 incisa, 21
 lamellifera Atlantica, 21
 longa, 22. 27
 lumbricoides, 91
 noctiluca, 72
 Norwegica, 19
 pelagica, 20. 108
 pinnata, 19. 105
 pinnigera, 21
 prismatica, 24
 proper, (*Cuv.*) 20
 pulsatoria, 21
 sanguinea, 19
 stellifera, 21
 tubicola, 19
 verrucosa, 21
 versicolor, 20
 viridis, 21
 Nerocila Livoneca, xiii. 217
 Nhamdu, 557
 Nhamdu-guaçu, (great spider,) 457
 Nicotioë, (*Aud. & Edw.*) 328. 376
 astaci, 377
 Nika, (*Risso.*) 191
 edulis, 192
 Nogaus, (*Leach*) 373
 Notaspis, (*Herm.*) 504
 Notopoda, 173
 Nursia, (*Leach*) 162
 Nymphon, (*Fab.*) 499
 the genus, 524
 Obisium, (*Illig.*) 497. 519
 Ocypete, (*Lat.*) 509
 Ocypode, (*Fab.*) 157
 the genus, 283
 alba, 283
 ceratophthalma, 284
 rhombea, 158
 cursor, 284
 hippeus, 284
 Onone lucida, 20
 Ogygia, (*Brogn.*) 381
 Oletère atype, 401
 Oletra, (*Walck.*) 401
 Olencira, (*Leach*) 218
 Oniscides, (*Lat.*) 224. 318
 Oniscoda, (*Latr.*) 223
 Oniscus, 216. 318
 of Linnæus, 137
 arenarius, 211
 armadillo, 225
 asellus, 225
 cæruleatus, 212
 ceti, 215
 the two cords in, 245
 entomon, 222
 eyes of, 247
 gammarellus, 208
 locusta, 208
 lutosus, 373
 murarius, 225
 Oceanicus, 224
 proper, (*Lin.*) 225
 sylvestris, 225
 thoracicus, 207
 Ophelina, (*Sav.*) 24
 Orbiculata, 160
 Orbiteles, 412
 Orchestia, (*Leach*) 208
 Oribata, (*Lat.*) 504
 Orithyia, (*Fab.*) 148
 mamillaris, 148
 Ostracoda, (*Cuv.*) 333
 (*Latr.*) 326
 Ostrapoda, (*Straus.*) 326. 333

- Ovalia, (*Lat.*) xiii. 214
 Oxyopes, (*Lat.*) 425
 Ozolus gasterostei, 371
- Pactolus, (*Leach*) 172
 Boscii, 172
 feet of, 239
 Pæcilopoda, 359
 Paguri, eggs of the, 309
 ganglia of the, 142
 residence of the, 307
 tail of the, 238
 Pagurini, (*Latr.*) 179
 Pagurus, the genus, 304
 (*Fab.*) 180
 clypeatus, 181
 latro, 310
 Palæmon, 313
 (*Fab.*) 193
 diversimana, 193
 penæus, 273
 serratus, 193
 squilla, 319
 sulcatus, 190
 Palinuri, the, 310
 eyes of the, 246
 Palinurus, (*Fab.*) 183
 quadricornis, 183
 size of, 275
 Palmyra, (*Sav.*) 25
 aurifera, 25
 Palpimane bossu, 431
 Palpimanus, (*Dufour*) 430
 Panalus, (*Leach*) 193
 Pandalus annulicornis, 193
 Pandarus, (*Leach*) 373
 bicolor, 373
 Boscii, 373
 Pan-fish, 363
 Paradoxides, (*Brogn.*) 381
 Parthenope, (*Fab.*) 164
 fornicata, 173
 Pasiphæa, 194
 Pectinariæ, (*Lam.*) 14
 Pedipalpi, the, 432
 Penæus, the genus, 314
 (*Fab.*) 190
 monodon, 190
 Pericera, (*Latr.*) 166
 Pernys, what called, 317
 Perroquet d'eau, 347
 Persephona, (*Leach*) 162
 Phalangia, legs of the, 528
 Phalangita, (*Lat.*) 500
 Phalangium, 497. 501
 the genus, 526
 araneoides, 516
 Phalangium cancroïdes, xiii. 498
 cornutum, 501. 527. 529
 opilio, 501
 Pherusa, (*M. de Blainville*) 15
 (*Leach*) 210
 fucicola, 210
 Philodrome tigré, 422
 Philodromus, (*Walck.*) 421
 oblongus, 423
 rhombiferus, 422
 Philoscia, (*Latr.*) 225
 Pholcus, (*Walck.*) 411
 phalangioides, 412
 phalangista, 412
 Pholque, à queue, 412
 Phoxichili, oviparous feet of, 523
 Phoxichilus, the genus, 522
 (*Latr.*) 499
 Phalangioides, 524
 Phronima, 315
 (*Latr.*) 205
 Phrosina semilunata, 206
 Phrosine, (*Risso*) 206
 macrophthalma, 206
 Phrynus, 433
 Phylira, (*Leach*) 162
 Phylline, (*Oken.*) 35
 Phyllococe, (*Sav.*) 21
 maxillosa, 27
 Phyllopa, 325. 347
 what called, 241
 Phyllosoma, (*Leach*) 202
 Pilumnus, (*Leach*) 155
 Pince, (*Geoffroy*) 518
 rouge, La, 505
 Pinna, the, 285
 Pinnipedes, 147
 Pinnophylax, 284
 Pinnoter, 284
 Pinnotheres, (*Latr.*) 158
 Pinnotheres, the, 284
 of Pliny, 287
 Primela, (*Leach*) 152
 denticulata, 152
 Pisa, (*Leach*) 165
 aurita, 166
 chiragra, 166
 heros, 166
 xyphas, 166
 Piscicolæ, (*Blain.*) 34
 cephalota, 34
 tessellata, 34
 Plagusia, (*Latr.*) 160
 depressa, 160
 Platyonychus, 150
 Pleione, (*Sav.*) 18
 alcyonia, 18
 vagans, 73
 Podocerus, (*Leach*) 211

- Podocerus variegatus, xiii. 211
 Podophthalmus, (*Lam.*) 149
 Pœcilopoda, the, 321
 Polybius, (*Leach*) 147
 Henslowii, 148
 Polydonte, (*Ren.*) 27
 Polydoræ, the, 22
 Polydorus, (*Oken.*) 34
 Polygonata, (*Fab.*) 215
 Polyphemus, (*Müll.*) 338
 oculus, 339
 of the ponds, 339
 Polynœe (*Sav.*) 26
 impatiens, 27
 lævis, 26
 muricata, 27
 Pontobdella, (*Leach & Blain.*) 34
 areolata, 34
 spinulosa, 34
 verrucata, 34
 Pontonia, (*Latr.*) 192
 Pontophilus, (*Leach*) 191
 Porcellana, (*Lam.*) 184
 hirta, 185
 hirsuta, 312
 polita, 312
 Porcellio, (*Lat.*) 225
 Portuni, the, 147. 276
 Portunus, (*Fab.*) 149
 bimaculatus, 277
 depurator, 277
 Dufourii, 150
 guttatus, 277
 hastatus, 278
 longipes, 277
 pelagicus, 276
 plicatus, 277
 puber, 277
 Tranquebarius, 150
 Pou du gastérosté, 371
 Präniza, (*Leach*) 212
 Prawn, 177
 Prawns, the, 313
 Probosci-pectanas, 10
 Processa, (*Leach*) 191
 Prophylax, 181
 Proto, (*Leach*) 214
 Protula Rudolphi, 12
 Pseudobdella, 33
 Pseudo-scorpiones, 495
 Psocus pulsatorius, 521
 Pterygocera, (*Lat.*) 211
 Pterygopoda, (*Latr.*) 373
 Pulex aquaticus arborescens, 347
 Pulmonariæ, the, 386
 Pycnogona, the, 521
 Pycnogonides, the, 498. 521
 Pycnogonum, (*Brun.*) 499
 balænarum, 522
 Quadrilatera, xiii. 154
 Ranina, (*Lam.*) 175
 Raninæ, the, 296
 Rectigrades, the, 403
 Red-blooded worms, the, 3
 Reniformes, (*Agnostus*) 381
 Remipes, (*Latr.*) 179
 testudinarius, 179
 Rhyncoprion, (*Herm.*) 507
 Riciniæ, (*Latr.*) 505
 Ricinus, 506
 Rocinela, (*Leach*) 218
 Rouget, what called, 509
 Sabella, (*Cuv.*) 11
 (*Linn. & Gmel.*) 11
 of Linnæus, 80
 alveolata, 15
 Belgica, 14
 bispiralis, 12
 Capensis, 15
 chrysodon, 15
 grandis, 12
 Indica, 12. 15
 protula, 12
 unispira, 12
 villosa, 12
 Sabellæ astartæ, 12
 spirographicæ, 12
 Saltigrades, 429
 Salticus, the genus, 485
 (*Latr.*) 431
 formicarius, 432
 grossipes, 487
 Saltique de Sloane, 431
 chevronné, 432
 Sanguisuga, (*Sav.*) 32
 Sarcoptes, (*Latr.*) 505
 Sauce-pan-fish, 363
 Schizopoda, 194
 Scirus, the genus, 518
 (*Herm.*) 505
 vulgaris, 505
 Scoletoma, (*Blain.*) 23
 Scolex of Aristotle, 38
 Scolezia of Athenæus, 38
 Scolopendræ, marine, 41
 Scolopodes, (*Blain.*) 23
 Scorpio, 434
 the genus, 487
 australis, 491
 cancroides, 498. 519
 cimicoides, 498. 519
 crassicauda, 491
 Europæus, 437
 occitanus, 436. 437. 489. 492,
 493

- Scorpio, (proper) xiii. 437
 Tunitanus, 437
 Scorpion, the African, 437
 the aquatic 488
 araignée, 518. 521
 the book, 498
 d'Europe, (*Faux*) 518
 the European, 436, 437
 des livres, 498
 of Maupertius, 436
 the reddish, 436, 437. 492, 493
 of Souvignargues, 436
 Scorpiones, pseudo, 495
 Scorpions, the gestation of, 494
 of Languedoc, 490
 the winged, 488
 Scyllarus, (*Fab.*) 182
 (*Leach*) 183
 Sea-spiders, 163
 Sea-spider, what named, 295
 Sea mantes, what called, 315
 Segestria, (*Latr.*) 408
 Senelops, (*Dufour*) 421
 omalosoma, 421
 Serolis, (*Leach*) 217
 Serpula, (*Lin.*) 9
 characters of the genus, 78
 contortuplicata, 10
 gigantea, 10. 12
 spirillum, 11
 spirorbis, 11
 vermicularis, 10
 Serpulæ cymospiræ, 11
 the genus, 76
 manners and habits of the, 79
 spiramellæ, 11
 Seta, what called, 42
 Seytodes, (*Latr.*) 410
 blonde, 411
 thoracica, 411
 Shrimp, 177
 Shrimps, the, 313
 Sida, 338
 Sigalion, (*Aud. & Edw.*) 27
 Siphonostoma, 365
 Siphostoma diplochaïtes, 16. 87. 90
 uncinata, 16
 Siphostomæ, œsophagus of the, 89
 Siro, (*Latr.*) 501
 Smaridia, 505
 Smerdis, (*Leach*) 201
 Soldiers, what called, 305
 Solifuga, 497
 Solpuga, (*Fab.*) 496
 the genus, 510
 arachnoides, 517
 fatalis, 518
 Sparassus, (*Walck.*) 419
 Sphæroma, (*Latr.*) xiii. 220
 Cuv. Index.
 Sphæroma dentata, 220
 Sphæromides, 219
 Sphasus, (*Walck.*) 425
 Spider, bite from a, 453
 the bush, 459
 à chevrons blancs, the, 429
 the female mason, 399
 the hunting, 460
 the mason, 395. 463
 proper, web of the, 467
 threads of the, 445
 Spiders, the, 387
 combats of, 555
 the crab, 398. 478. 557
 the erratic, 425
 fecundation of the female, 450
 the laterigrade, 418
 long-legged, 526
 proper, the, 409. 466
 the sedentary, 403
 the wolf, 425
 Spio, (*Fab.*) 22
 filicornis, 22
 seticornis, 22
 Spirographis Spallanzanii, 12
 Spirorbis, (*Lam.*) 11
 the genus, 80
 Squilla, (*Fab.*) 199
 eusebia, 201
 lobata, 214
 proper, (*Latr.*) 200
 scyllarus, 200
 what named, 313
 Squillæ, gills of, 260
 liver of, 256
 Stenocionops, (*Leach*) 167
 Stenopus, (*Latr.*) 190
 Stenorhynchus, (*Lam.*) 171
 (*Leach*) 222
 lineare, 222
 Stomapoda, 196
 in general, 139
 the order of, 315
 Stomapods, what called, 240
 Storena, (*Walck.*) 424
 Stylaria, (*Lamarck*) 30
 Swimmers, the, 147
 Syllis, (*Sav.*) 22
 monilaris, 22
 Synodus, (*Latr.*) 219
 Syphostoma, (*Otto*) 16

 Tachypleus, (*Leach*) 364
 Talitri, the, 316
 Talitrus, (*Latr.*) 208
 Tarantula, the, 427
 bite of the, 433

- Tarantula, (*Fabr.*) xiii. 433
 Terebella, (*Cuv.*) 12
 bicornis, 10
 carunculata, 18
 cirrhata, 13
 complanata, 18
 conchilega, 13. 82
 constrictor, 13
 description of, 81
 flava, 18
 gigantea, 13
 intestinal canal of, 84
 Medusæ, 13
 nebulosa, 13
 reniformis, 12
 rostrata, 18
 rubra, 20
 stellata, 11
 tentaculata, 25
 tube of the, 85
 variabilis, 13
 venusta, 13
 Terebellæ, of Gm. 18
 Idaliæ, 13
 organization of the, 83
 phyzellæ, 13
 the ovary of the, 70
 Tassarops, (*Rafinesque*) 430
 Tetragnatha, 497
 (*Latr.*) 414
 Thalassina, (*Latr.*) 186
 scorpionides, 186
 Thelphusa, (*Latr.*) 155
 the genus, 278
 fluviatilis, 279
 Thelyphonus, (*Latr.*) 433
 Thenus, (*Leach*) 183
 Indicus, 183
 Theraphosæ, of M. Walcknaer, 396
 Theridion, (*Walck.*) 411
 benignum, 471
 tredecim guttatum, 472
 wounds from a, 554
 Thia, (*Leach*) 153
 polita, 153
 Thomisus, the genus, 478
 (*Walck.*) 423
 citratus, 480
 citreus, 424. 479
 cristatus, 424. 478
 globosus, 424
 tigrinus, 478
 Thomisi, threads produced by, 391
 Thomise tigrée, 422
 Tics, the, 505
 Tourlourous, 288
 the, 289
 Trachean Arachnides, 495
 Trapezia, (*Latr.*) 155
 Trigona, xiii. 163
 Trilobites, the, 378
 Trochetia, (*Dutrochet*) 33
 Trogulus, (*Latr.*) 502
 Trombidia hexapoda, 509
 Trombidium holosericeum, 503
 (*Fab.*) 503
 tinctorium, 503
 Trophonia, (*Aud. & Edw.*) 30
 barbata, 30
 Tubicolæ, 76
 the, 9
 distinction of, 7
 Tubifex, (*Lamarck*) 31
 Tubipora arenosa, 15
 Tubiteles, the, 404
 Tubularia Fabricia, 12
 magnifica, 12
 penicillus, 12
 Tylos, (*Latr.*) 224
 Typhis, (*Risso*) 212
 ovoides, 212
 Uca, (*Latr.*) 159
 (*Leach*) 157
 Uloborus, (*Latr.*) 413
 Walckenaerius, 414
 Unipeltata, 199
 Unkia, of the Japanese, 364
 Unogata, (*Fab.*) 386
 Uroctea, (*Dufour*) 404
 quinque-maculata, 405
 Uropoda, (*Latr.*) 504
 Uroptera, (*Latr.*) 205
 Vermes, division of the class of, 45
 the name of, 37
 Vitalis aquaticus, what called, 42
 Weavers, the, 404
 Wolf-spiders, eggs of the, 393
 Wood-lice, 318
 (*Vulg.*) 225
 Worm, the common earth, 29
 Worms, division of the class of, 44
 the name of, 37
 the red-blooded, 40
 what called, 38
 Xantho, (*Fab.*) 152
 Xirika, 288
 Xyphosura, 360
 Zoea, (*Bosc*) 327
 Zoë pelagica, 327
 Zuzara, (*Leach*) 220

INSECTA.

Abax Corsicus, xiv. 217
 metallicus, xiv. 215
 Abeille-perce-bois, xv. 570
 tapissière, xv. 573
 Abræus, (*Leach*) xiv. 389
 Acanthia, (*Fab.*) xv. 220. 236
 of what composed, xv. 219
 (*Lat.*) xv. 220
 clavicornis, xv. 432
 Acanthocerus, (*Mach.*) xiv. 466
 æneus, xiv. 466
 Acanthocinus, of Meg. & Dej. xv. 108
 Acanthomera, xiv. 552
 (*Wied.*) xv. 699
 Acanthopoda, xiv. 409
 Acanthoptera, (*Lat.*) xv. 103
 Acanthopus, (*Klug.*) xv. 387
 (*Meg.*) xv. 13
 Acanthoscelis, description of, xiv. 201
 Acari, attach themselves to dogs, xiv.
 164
 diseases produced by, xiv. 161
 Acarides, or ticks, xiv. 164
 Acarus, resembles a pediculus, xiv.
 162
 gnopterorum, xv. 564
 Acerons, insects called, xiv. 41
 Acheta, of Fabricius, xv. 192. 196
 Achias, (*Fab.*) xv. 710
 Acilius, xv. 247
 Acinopus, description of, xiv. 208
 maculipennis, xiv. 208
 megacephalus, xiv. 208
 Acmaeodera, xiv. 357
 Acœnitus, (*Lat.*) xv. 362
 Acræa, (*Fab.*) xv. 586
 Acrida, of Mr. Kirby, xv. 202
 Acridium, of Geoffroy, xv. 202
 of Geoffroy, habits of, xv. 204
 Acrocera, (*Meig.*) xv. 692
 Acrocinus, (*Illig.*) xv. 108

Acrydium, (*Geoff.*) xv. 176
 armatum, xv. 177
 cæcum of, xv. 180
 Actora, (*Meig.*) xv. 717
 Aculeata, xv. 370
 Acupalpus, description of, xiv. 210
 Adela, (*Lat.*) xv. 627
 Degeerella, xv. 627
 Reaumurilla, xv. 628
 Adelum, (*Fab.*) xv. 13
 eupreum, xv. 22
 Adelocera, (*Lat.*) xiv. 317
 Adelostoma, (*Dup.*) xiv. 547
 Adephages, description of the, xiv. 172
 Adesmus, xv. 110
 Adolestoma sulcatum, xv. 548
 Adorium, (*Fab.*) xv. 141
 Edes, (*Hoff.*) xv. 683
 Ægialia, xiv. 459
 (*Latr.*) xiv. 460
 Ægithes, of Fab., xv. 155
 Ægocera, xv. 599
 Æsalus, (*Fab.*) xiv. 498
 scarabæoides, xiv. 498
 Æschrotes, xiv. 454
 Æshna, xv. 296. 312
 Ætalion, (*Latr.*) xv. 225
 Agacephala, (*Manh.*) xiv. 469
 Agaon, (*Dalm.*) xv. 366
 Agarista, (*Leach*) xv. 595
 Agarus, (*Leach*) on what founded, xiv.
 247
 Agathidium, (*Illig.*) xv. 155
 Agathis, (*Lat.*) xv. 362
 Aglæ cærulea, xv. 576
 Aglaope, (*Fab.*) xv. 600
 Aglia, xv. 605
 Aglossa, (*Lat.*) xv. 623
 Agonum, description of, xiv. 223
 rotundatum, xiv. 223
 Agra, description of, xiv. 194

- Agrilus, xiv. 357
 Agrion, xv. 296
 Agriones, xv. 312
 Agyrtes, (*Froch.*) xiv. 397
 castaneus, xiv. 397
 subniger, xiv. 397
 Akis, (*Fab.*) xiv. 545, 546. 548
 abbreviata, xiv. 546
 angustata, xiv. 546
 collaris, xiv. 546
 glabra, xiv. 546
 orbiculata, xiv. 546
 punctata, xiv. 546
 Aleochara, description of, xiv. 298,
 299
 bipunctata, xiv. 299
 fumata, xiv. 299
 lanuginosa, xiv. 299
 nana, xiv. 299
 nitida, xiv. 299
 Aleyrodes, wings of, xv. 230
 Alomya, (*Panz.*) xv. 362
 Alpæus, description of, xiv. 237
 Altica, (*Geoff.*) xv. 141
 marginella, xiv. 142
 Alticæ, xv. 153
 Altisæ, xv. 36
 proper, xv. 142
 Altitarsus, xv. 142
 Alucita, (*Fab.*) xv. 627
 (*Lat.*) xv. 625
 Alurnus, of *Fab.*, xv. 136
 Alydas pellucidus, xv. 241
 Alydus, (*Fab.*) xv. 218
 Alysia, (*Latr.*) xv. 363
 Alyson, (*Jur.*) xv. 378
 Amara, observations upon, xiv. 213
 Amarygmus, (*Dalm.*) xv. 13
 Amathusia, (*Fab.*) xv. 590
 Amazons, the neuters of red ants, xiv.
 120
 Ambliirhinus, (*Schoen.*) xv. 57
 Amblychus, description of, xiv. 226
 Amblyterus, xiv. 476
 Amerhinus, xv. 61
 Ametobolia, what so called, xiv. 7
 Ammobates, (*Latr.*) xv. 385
 Ammophilus, of Mr. Kirby, xv. 375
 Amphicoma, (*Latr.*) xiv. 487
 abdominalis, xiv. 488
 Ampulex, (*Jur.*) xv. 376
 Amycterus, (*Schæ.*) xv. 56
 Amydetes, (*Hoffm.*) xiv. 333
 apicalis, xiv. 333
 Anacolus sanguineus lugubris, xv. 100
 Anaspis, (*Geoff.*) xv. 29
 Anax imperator, xv. 304
 Anchomenus, description of, xiv. 223
 Anchonus, (*Schoen.*) xv. 63
 Ancylochira, xiv. 357
 Ancylothyneus, (*Lat.*) xv. 690
 Ancyloscelis, (*Latr.*) xv. 387
 Andrena, (*Lat.*) xv. 382
 Andrenes, (*Fab.*) xv. 381
 Andrenetæ, xv. 44
 (*Lat.*) xv. 381
 Andrenoides, xv. 383
 Anelastes Drurii, xiv. 325
 (*Kirby.*) xiv. 325
 Anelytra, remark of the ancients on,
 xv. 389
 Anisomera, (*Meig.*) xv. 686
 Anisonyx, xiv. 489
 Anisoplia histrio, xiv. 474
 Anisoscelis, xv. 218
 Anisotoma, (*Illig.*) xv. 4. 155
 Anobia, xv. 89
 Anobium, (*Fab.*) xiv. 84. 351
 where placed, xv. 379
 larvæ of, xv. 90
 minutum, xiv. 352
 panicum, xiv. 352. 382
 pertinax, xiv. 352
 reticulatum, xv. 92
 striatum, xiv. 351, 352
 tessellatum, xiv. 351
 Anocolus lugubris, xv. 116
 quadripunctatus, xv. 116
 Anomala, (*Meg. Dej.*) xiv. 484
 Anopheles, xv. 683
 Anoplognathus, (*Leach*) xiv. 477
 Anoplura, resemble the Parasita, xiv.
 148
 Anotia, (*Kirby*) xv. 224
 Anthaxia, xiv. 358
 Antherophagus, (*Knoch*) xiv. 402
 antennæ of, xiv. 403
 Anthia, where found, xiv. 93. 96
 description of the, xiv. 184, 185
 Burchellii, xiv. 270
 Anthicus, (*Fab.*) xiv. 385; xv. 30. 123.
 166
 Helwigii, xiv. 386
 minutus, xiv. 386
 Anthidium, (*Fab.*) xv. 384
 Anthipna, (*Escholtz.*) xiv. 487
 Anthobii, xiv. 486
 Anthomizides, xv. 710
 Anthomyia, (*Meig.*) xv. 711
 Anthophagus, description of, xiv. 297
 Anthophila, (*Lat.*) xv. 381, 382
 Anthrax, (*Scop.*) xv. 694. 753
 marginicollis, xv. 780
 Anthreni, change in food of, xiv. 66
 Anthrenus, (*Fab.*) (*Geoff.*) xiv. 406
 elongatus, xiv. 406
 hirtus, xiv. 408
 ruficornis, xiv. 406

- Anthrenus versicolor, xiv. 406
 Viennensis, xiv. 406
 Anthribus, xv. 66
 (*Fab.*) xv. 20. 53
 (*Geoff.*) xv. 53. 155
 Anthrophora, (*Fab.*) xv. 384
 (*Lat.*) xv. 387. 571
 Antichides, xv. 29
 Anteon, (*Jur.*) xv. 367
 Antlia, (*Kirby*) xv. 613
 Antliata, (*Fab.*) xv. 681
 Ant-lion, instinct of, xiv. 104
 larvæ of the, xv. 324
 manner of feeding of larvæ of
 the, xiv. 66
 Ant-lions, eyes of, xiv. 45
 metamorphosis of, xiv. 81. 83
 Ants, acid of, xiv. 73
 acid produced by, xiv. 72
 anecdotes of exotic, xv. 487
 anecdote of fire, xv. 487
 architecture of, xv. 506
 ash-coloured, nests of, xv. 451
 attack upon some ash-coloured,
 xv. 491
 attack of the wood, xv. 470
 auxiliaries of the Amazon, xv.
 499
 battle between, xv. 468
 carpenter, xv. 444
 campaign of rufescent, xv. 491
 comparison of, xv. 194
 conjugal affection of working,
 xv. 458
 domestic labours of, xv. 507
 domestic life of, xv. 502
 domestic economy of, xv. 459
 turf, emigrations of, xv. 453
 enemies of the, xv. 488
 error respecting the Amazon,
 xv. 501
 the Ethiopian, xv. 446
 experiment upon, xv. 510
 experiment upon yellow, xv. 457.
 465
 family affection of, xv. 464
 fate of the male, xv. 455
 flight of, xv. 454
 fondness for drink of, xiv. 70
 food of, xiv. 68
 food of the Amazon, xv. 498
 the fuliginous, xv. 457
 gymnastic exercise of wood, xv.
 471
 habits of the, xv. 434
 habits of the female, xv. 456
 habits of the mining, xv. 500
 habits of the sugar-cane, xv. 485
 habits of the yellow, xv. 473
 Ants, instinct of, xiv. 67. 104
 instinct of the brown, xv. 464
 larvæ of, xv. 448
 proper, larvæ of, xv. 450
 lethargic state of, xv. 476
 marvellous account of the Ama-
 zon, xv. 490
 metamorphosis of, xiv. 118
 migration of, xv. 462
 mixt society of, xv. 502
 neuter, xv. 451
 neuters among, xiv. 19. 78. 114
 neuter, live how, xiv. 119
 are omnivorous, xiv. 23
 our limited knowledge of foreign,
 xv. 483
 political economy of, xv. 511
 preservation of the societies, xv.
 509
 prey of, xv. 466
 prophetic of rain, xiv. 33
 ravages of, xv. 484
 recruiting system of, xv. 464
 appearance of reason in, xiv.
 111
 of Linnæus, the red, xv. 443
 riches of the, xv. 474
 societies of, xiv. 120; xv. 477
 some called negroes, xv. 504
 size of, xiv. 78. 96
 societies of sanguine, xv. 480
 society of, xiv. 115
 temperature developed by, xiv.
 75
 the visiting, xv. 486
 warlike expedition of, xv. 495
 wars of the, xv. 467
 wars of the Amazon, xv. 483
 wars of the ash-coloured, xv. 482
 (working,) without metamor-
 phosis, xiv. 21
 yellow, xv. 443
 Apalus, (*Fab.*) xv. 33, 34
 Apanisticus, xiv. 357
 Apate, (*Fab.*) xv. 84
 Apatomza, (*Wied.*) xv. 693
 Aphæna, of M. Guerin, xv. 260
 Aphaneura rufescens, xv. 575
 (*Westwood.*) xv. 575
 Aphanisticus, xiv. 313
 Aphides, abdomen of, xv. 231
 fluid of the, xv. 472
 food of, xv. 232
 habits of, xv. 267
 viviparous and oviparous, xiv. 33
 without wings, xv. 231
 Aphidii, xv. 227
 family of the, xv. 264
 Aphidiphagi, xv. 158

- Aphidiphagi supplement on the, xv. 160
- Aphidivorous worms, xv. 760
- Aphis, xv. 161
 (*Lin.*) xv. 227
 populi, xv. 270
 proper, xv. 227
 quercus, xv. 270
 salicis, xv. 271. 273
 ulmi, xv. 270
 wings of, xv. 230
- Aphodius, (*Fab.*) xiv. 460
 (*Illig.*) xiv. 458
 arenarius, xiv. 460
- Aphodus, xiv. 450
- Aphritis, xv. 704
- Apiariæ, xv. 385
 (*Lat.*) xv. 382
 insect on, xv. 42
 subgenera of the, xv. 566
- Apion, xv. 54
- Apiropodes, of M. Savigny, xiv. 25
- Apis, of Linnæus, xv. 381
 the genus, xv. 530
 bicornis, xv. 572
 muraria, xv. 571
 proper, (*Lat.*) xv. 388
 rostrata, xv. 376
 tricornis, xv. 573
 venea, xv. 573
 violacea, xv. 570
- Apius, (*Jur.*) xv. 377
- Apoda, xv. 54
- Apogonia, (*Kirby*) xiv. 477
 genellata, xiv. 477
- Apollo Linnæi, xiv. 86
- Apomecyna, xv. 110
- Aporus, (*Spin.*) xv. 375
- Apotomus, description of, xiv. 206
 rufus, xiv. 207
 testaceus, xiv. 207
- Apsis, (*Germ.*) xv. 60
- Aptera, stigmata of, xiv. 4
- Apterogyna, (*Lat.*) xv. 372
 Ehrenbergii, xv. 515
- Apterous insects, eyes of, xiv. 8
 insects, tarsi of, xiv. 65
 insects, thorax of, xiv. 10
- Aptinus, description of the, xiv. 185
 Balista, xiv. 186
 Pyrenæus, xiv. 186
- Apus, thoracic feet of the genus, xiv. 9
- Aquatic-flea, xiv. 251
 scorpions, xv. 249
- Arachnida, of M. de Lamarck, xiv. 25
 have no antennæ, xiv. 39
 jaws of, xiv. 9
 thorax of, xiv. 10
 vision of, xiv. 8
- Arachnides antennistes, of M. de Lamarck, xiv. 25
- Aradi, habits of, xv. 243
- Aradus, of Fab., xv. 218
 antennæ of, xv. 220
- Araneida, differ from insects proper, xiv. 38
- Araneidæ, size of, xiv. 96
- Arcopagus, (*Leach*) xv. 167
- Arctia, (*Schr.*) xv. 611
- Arenicoli, xiv. 459. 466
- Areodes, (*Leach*) xiv. 482
- Argos, xv. 593
- Argus, (*M. Lamarck*) xv. 591
 bleu d', xv. 592
- Argynnis, xv. 583
 (*Fab.*) xv. 587
- Argyrites (*Latr.*) xv. 710
- Aristolochus, xv. 413
- Aristus, xiv. 566
 description of, xiv. 206. 274
 bucephalus, xiv. 275
 fulcatus, xiv. 275
- Armideus, of M. Ziegler, xiv. 463
- Arpactus, (*Jur.*) xv. 378
- Arpeneures, what called, xv. 579
- Arrhenodes, of Stevens, xv. 55
- Articerus, (*Dalm.*) xv. 168
- Ascalaphus, xv. 327
 (*Fab.*) xv. 298
 Barbarus, xv. 328
- Ascia, (*Meg.*) xv. 704
- Asida, (*Lat.*) xiv. 555
 grisea, xiv. 555
- Asilus, xv. 758
 the genus, xv. 752
 (*Lin.*) xv. 690
 proper, xv. 691
 forcipatus, xv. 753
- Asilici, (*Lat.*) xv. 690
 the division, xv. 752
- Asindulum, xv. 687
- Asiraca, xv. 224
- Aspidiphorus, (*Zieg. Dej.*) xiv. 403
- Aspistes, xv. 689
- Astata, (*Lat.*) xv. 377
- Astemma, xv. 219
- Astomella, (*Dufour*) xv. 692
- Astrapæus, description of, xiv. 290
- Ateuchus, xiv. 451
 of the Egyptians, xiv. 452
 whence derived, xiv. 504
- Bacchus, xiv. 454
- cupreus, xiv. 453
- flagellatus, xiv. 453
- Hollandiæ, xiv. 454
- Königii, xiv. 453
- laticollis, xiv. 453
- Leei, xiv. 453

- Ateuchus miliaris*, xiv. 453
Ateuchus, pilularius, story of an, xiv. 111. 453
 profanus, xiv. 453
 sacer, xiv. 92. 452. 505
 sanctus, xiv. 453
 Schaefferi, xiv. 454
 semi-punctatus, xiv. 453
 sinuatus, xiv. 453
 sex-punctatus, xiv. 454
 tmolus, xiv. 458
 triangularis, xiv. 454
 variolosus, xiv. 453
 violaceus, xiv. 454
 volvans, xiv. 454
Athalia, (*Leach*) xv. 357
Athericera, xv. 701. 706
Athericera, the, xv. 758
Atherix, (*Meig.*) xv. 695
Athyræus, (*Mack.*) xiv. 464
Atlas, of China, xv. 605
Atopa, (*Fab.*) xiv. 327
 cervina, xiv. 327
Atractocerus, (*Palis.*) xiv. 352
 necydaloïdes, xiv. 352
Atta, (*Fab.*) xv. 372
 cephalotes, xv. 486
Attacus, xv. 602
Attagenus, (*Lat.*) xiv. 405
 serra, xiv. 406
Attelabus, xiv. 374; xv. 66, 67
 (*de G.*) xv. 99
 (*Lin.*) xv. 99
 of *Lin.* and of *Fab.*, xv. 54
 apiarius, xiv. 346
 formicarius, xiv. 345
 mollis, xiv. 345
 Pennsylvanicus, xiv. 189
Atychia, (*Hoff.*) xv. 600
Auchenia, (*Thunb.*) xv. 124
Aulacus, (*Jur.*) xv. 360
Auletes, (*Schaenh.*) xv. 54
Axina, (*Kirb.*) xiv. 344
 nalis, xiv. 344
Axinophorus, characters of, xiv. 271
 Brasiliensis, xiv. 271

Badister, description of, xiv. 226
Barbicornis, (*Godart*) xv. 593
 basalis, xv. 677
Baccha, (*Meig.*) xv. 703
 (*Fab.*) xv. 715
Bagous, xv. 60
Balæna urticata, xv. 622
Balaninus, xv. 60
Banchus, (*Fab.*) xv. 361. 364
Baridius, xv. 61
Bed-bug, habits of, xv. 237
 without wings, xv. 230

Beemares, of Geoff. xv. 54
Bee, intellect of the, xiv. 100
 intellect and industry of the, xiv. 101
 quotation relating to the, xiv. 112
 sting of the, xv. 389. 531
 the upholsterer, xv. 571. 573
Bees, the, xv. 381. 530
 abdomen of, xv. 534
 appearance of reason in, xiv. 109
 care of nursing, xv. 542
 the carpenter, xv. 570
 cells of, xv. 552
 crowd plants and flowers, when, xiv. 61
 culture of, xv. 565
 diseases of, xv. 561
 dislike oil of turpentine, xiv. 63
 the drones, or male, xv. 531
 dwellings of, xiv. 119
 eggs of, xv. 541
 how to prevent the emigration of, xv. 558
 enemies of, xv. 563
 English, anterior tarsi of, xiv. 18
 M. Huber's experiment upon, xv. 535
 eyes of, xiv. 46
 fecundation of, xv. 539
 feeding of, xv. 560
 the female, xv. 531
 fondness for drink of, xiv. 70
 food of, xiv. 68
 formation of the cells of, xv. 553
 formation of swarms of, xv. 546
 the hives of, xv. 550. 556
 glass hives for, xv. 557
 how to clear a hive of, xv. 559
 honey of, xv. 554
 the humble, xv. 567
 humming of, xiv. 76
 instinct of, xiv. 67. 104—108
 the king, xv. 531
 labours of, xv. 551
 larva of, xv. 543
 length of life of, xv. 562
 the mason, xv. 571
 metamorphosis of, xiv. 118
 method of forming swarms of, xv. 549
 method of making fruitful, xv. 545
 method of taking a swarm of, xv. 547
 neuters among, xiv. 19. 78. 114
 organs of the, xv. 533
 perspiration of, xiv. 74

- Bees, prophetic of rain, xiv. 33
 the queen, xv. 531
 quotation from Virgil respecting,
 xiv. 34; xv. 532
 remark of Aristotle respecting,
 xiv. 80
 respiration of, xv. 537
 sensation of, xiv. 103
 sense of touch in, xv. 538
 sex of working, xv. 544
 best situation for, xv. 555
 sting of, xv. 389, 531
 taste of, xv. 537
 temperature developed by, xiv.
 75
 use of antennæ of, xiv. 44
 utility of, xiv. 120
 wings of, xiv. 16
 the working, xv. 530
- Beetle, black, xv. 187
 common burying, organs of smell
 of, xiv. 63
 senses in the eye of a, xiv. 48
- Beetles burying, why called, xiv. 393
 frequent the snake-root and
 staphelia, xiv. 60
- Belostoma, xv. 222
 marginata, xv. 248
- Belus, (*Schæn.*) xv. 54
 Belyta, (*Jur.*) xv. 368
- Bembecides, (*Lat.*) xv. 376
- Bembidion, description of, xiv. 240. 280
- Beris, (*Lat.*) xv. 699. 757
- Berosus, xiv. 431
- Bethylus, (*Lat.*) xv. 367
- Berytus, (*Fab.*) of what composed, xv.
 241
- Bibio, (*Geoff.*) xv. 689
 (*Fab.*) xv. 695
- Biblis, (*Fab.*) xv. 589
- Biches, what called in French, xiv. 500
- Bitoma, (*Herbs.*) xv. 86
- Bipartiti, description of, xiv. 197
- Bithynus, (*Leach*) xv. 167
- Bittacus, (*Lat.*) xv. 298
- Blaps, xiv. 552. 567
 (*Fab.*) xiv. 553. 559
 clathrata, xiv. 556
 gages, xiv. 553
 glabra, xiv. 559
 lævigata, xiv. 553
 mortisaga, xiv. 553
 punctata, xiv. 556
 sulcata, xiv. 553. 568
 tibialis, xiv. 554
 tibidens, xiv. 558
 voice of, xiv. 76
- Blatta, (*Lin.*) xv. 171. 192
 cæcum of, xv. 180
- Blatta acervorum, xv. 175
 Americana, xv. 172
 Germanica, xv. 172
 gigantea, xv. 185, 186
 Lapponica, xv. 172
 Orientalis, xv. 172. 187
 rugicollis, xv. 187
- Blattæ, xv. 184
- Blapsides, whence named, xiv. 551
- Blaptinus, (*Deg.*) xiv. 558
- Blastanus, (*Hoff.*) xv. 30
- Blepharis of M. Sevoille, xv. 190
 elegans, xv. 190
- Blethisa, description of, xiv. 238
- Blue meat-fly, ovoviparous, xiv. 77
- Bocydium, (*Lat.*) xv. 225
- Bolboceras Australasiæ, xiv. 465
 Bilbergii, xiv. 508
 (*Kirby*) xiv. 465. 508
- Boletophagus xv. 9
 (*Fab.*) xv. 5
 cornutus, xv. 9
- Bolitophila, (*Hoff.*) xv. 687
- Bombardiers of M. Latreille, xiv. 266
- Bombidium, description of, xiv. 240
- Bombus, xv. 567
 lapidarius, xv. 568
 (*Lat.*) xv. 388
- Bombyces, the, xv. 679
 antennæ of, xiv. 78
- Bombycites, xv. 605
- Bombylii, the, xv. 753
- Bombylius, (*Lin.*) xv. 692
 proper, (*Aleig.*) xv. 693
- Bombyx, xv. 602
 abietis, xv. 609
 anachoreta, xv. 609
 antiqua, xv. 610
 antiqua, represented by Kirby
 and Spence, xiv. 43
 Atlas, where found, xiv. 96
 betulifolia, xv. 606
 Bucephala, xv. 609
 caja, xv. 611
 caja, represented by Kirby and
 Spence, xiv. 42
 Cecropia, xv. 605
 chrysorrhæa, xv. 611
 compressa, xv. 613
 coryli, xv. 609
 cyllopoda, xv. 615
 dispar, xv. 609
 illicifolia, xv. 606
 Jacobæ, xv. 612
 luna, xv. 605
 mori, xv. 607. 679
 mylitta, xv. 605
 Neustria, xv. 608
 populifolia, xv. 606

- Bombyx pavonia major*, xv. 606
 potatoria, xv. 606
 processionnea, xv. 608
 proper, xv. 607
 pubibunda, xv. 609
 pythio-campa, xv. 608
 quercifolia, xv. 606
 species of wild, xv. 634
 tau, xv. 605
 venulla, xv. 599
 versicolora, xv. 609
 verticalis, xv. 623
Borborus, (*Meig.*) xv. 712
Boreus, (*Latr.*) xv. 298
Boros, (*Herbs.*) xiv. 561
 corticalis, xiv. 561
 thoracicus, xiv. 561
Bostrichi, *Larvæ* of, xv. 90
Bostrichus denticollis, xv. 91
 proper, (*Geoff.*) xv. 84
 thoracicus, xv. 91
 (*Fab.*) xv. 82, 83
Botys, (*Lat.*) xv. 622
Bourdon, xv. 567
Bousiers, what called, xiv. 507
Brachelytra, description of, xiv. 298
Brachinus, description of the, xiv. 185
 bimaculatus, xiv. 267
 bombarda, xiv. 187
 causticus, xiv. 187
 complanatus, xiv. 186
 crepitans, xiv. 187. 266, 267
 exhalans, xiv. 187
 disposor, xiv. 186. 267, 268. 270
 explodens, xiv. 187
 glabratus, xiv. 187
 scolepeta, xiv. 187
Brachini, *Helluo* approximated to the, xiv. 191
Brachycera, where found, xiv. 93
Brachycerus, xv. 68
 (*Fab.*) xv. 56
Brachyopa, (*Hoff.*) xv. 705
Brachypus, xv. 60
Brachyrhinus, xv. 69
Brachystoma, (*Meig.*) xv. 691
Bracon, (*Jur.*) xv. 363
 (*Fab.*) xv. 361
Braula, (*Netz.*) xv. 719
Brassicariæ, what called, xv. 411
Brassolis, (*Fab.*) xv. 590
Brentus, xv. 68
 (*Fab.*) xv. 55
 Temminckii, xv. 68
Brevirostræ, xv. 57
Brontes, (*Fab.*) xv. 95
Brosus, description of, xiv. 218
Bruchus, (*Fab.*) xv. 20
 (*Geoff.*) xiv. 348
- Bruchus* of *Lin.* xv. 53
 larvæ of, xiv. 381 ; xv. 64
 acaciæ, xv. 65
 granarius, food of, xiv. 68
 palmarum, xv. 65
 pisi, xv. 66
 properly so called, xv. 53
Bucentes, xv. 705
 (*Lat.*) xv. 706
Bucephalus Antenor, where found, xiv. 92
Bug, families of the, xv. 233
 bed, where placed, xv. 236
 land, xv. 232
Bugs, *proper*, xv. 220
 difference between *Nymph* and *Larvæ* of, xiv. 21
 growth of young, xv. 239
Bulbifer, (*Deg.*) xv. 63
Bupreste bleu, xiv. 196
 écunoné, xiv. 358
Buprestides, xiv. 310
 hepatic conduits of, xiv. 308
Buprestis, xiv. 356 ; xv. 39
 (*Lin.*) xiv. 310
 (*proper*) xiv. 311
 dangerous to *oxen*, xiv. 183
 peculiar formation of, xiv. 255
 signification of, xiv. 265
Buprestis acuminata, xiv. 357
 adspersa, xiv. 357
 æreicollis, xiv. 357
 affinis, xiv. 312
 alni, xiv. 357
 amœna, xiv. 358
 appendiculata, xiv. 358
 Berolinensis ænea, xiv. 357
 bicornis, xiv. 357
 bifasciata, xiv. 358
 canaliculata, xiv. 358
 carbonaria, xiv. 357
 cariosa, xiv. 357
 castanea, xiv. 357
 chrysis, xiv. 312. 357
 chrysostigma, xiv. 312
 chrysostigma affinis, xiv. 358
 conspersa, xiv. 357
 cuprea, xiv. 357
 cupressis, xiv. 357
 cyanicornis, xiv. 358
 cyllindrica, xiv. 357
 elata, xiv. 357
 emarginata, xiv. 313
 equestris, xiv. 358
 exasperata, xiv. 357
 eximia, xiv. 357
 fasciculata, xiv. 311
 fascicularis, xiv. 357
 flavomarginata, xiv. 358
 flavomaculata, xiv. 357

- Buprestis Florentina, xiv. 357
 gibbosa, xiv. 357
 gigas, xiv. 257. 312
 grandis, xiv. 357
 hirsuta, xiv. 357
 hirta, xiv. 357
 hæmorrhoidalis, xiv. 357
 impressa, xiv. 358
 interrupta, xiv. 357
 leucostica, xiv. 357
 leucogaster, xiv. 357
 lineola, xiv. 313
 lugubris, xiv. 357
 macularia, xiv. 357
 manca, xiv. 358
 mariana, xiv. 357
 mumata, xiv. 313
 nitida, xiv. 358
 novem-maculata, xiv. 357
 ocellata, xiv. 312
 octo-guttata, xiv. 357
 ornata, xiv. 357
 penicillata, xiv. 357, 358
 pilosa, xiv. 357
 principalis, xiv. 358
 punctata, xiv. 357
 quadrimaculata, xiv. 358
 rubi, xiv. 357
 rustica, xiv. 357
 rutilans, xiv. 357
 scutellaris, xiv. 358
 sternicornis, xiv. 311. 357
 stigma, xiv. 358
 strigosa, xiv. 357
 tæniata, xiv. 357
 tarda, xiv. 358
 tarterica, xiv. 357
 tenebriosa, xiv. 357
 tenebrionis, xiv. 357
 variabilis, xiv. 357
 variolaris, xiv. 357
 viridis, xiv. 312
 vittata, xiv. 312
 Whitehillii, xiv. 358
 Butterflies, the, xv. 582. 671
 properly so called, the, xv. 583
 alpine, xiv. 90
 diurnal, colour of, xiv. 99
 manner of feeding of, xiv. 66
 metamorphosis of, xiv. 83
 prophetic of rain, xiv. 33
 remark of Aristotle respecting,
 xiv. 80
 seek plants and flowers, when, xiv.
 61
 wings of, xiv. 16
 Butterfly, eggs of the, xiv. 20
 flight of the, xv. 672
 lenses in the eye of a, xiv. 48
 Butterfly, mouth of a, xiv. 22
 Byrrhi, xiv. 423
 Byrrhus, (*Geoff.*) xiv. 351
 of Linnæus, xiv. 406. 407; xv.
 22
 proper, (*Lin.*) xiv. 407
 crinaceus, xiv. 408
 pilula, xiv. 408. 423
 pygmæus, xiv. 405
 sericeus, xiv. 405
 setiger, xiv. 408
 striato-punctatus, xiv. 408
 verbasci, xiv. 406
 Byturi, xiv. 420
 Byturus, (*Lat.*) xiv. 402
 Cadelle, xv. 92, 93
 Calandra, (*Fab.*) xv. 59. 62, 63
 eggs of, xv. 73
 granaria, xv. 72
 granaria, food of, xiv. 68
 palmarum, xv. 80
 Calandræ, xv. 72
 remedy against, xv. 78
 Calathus, description of, xiv. 221
 Calleida, description of, xiv. 195
 Callicera, (*Meig.*) xv. 704
 Callicerus, (of M. Gravenhorst) xiv. 300
 Callichroma, (*Lat.*) xv. 103
 Callidium, (*Fab.*) xv. 102. 105
 where found, xv. 117
 Callimorpha, (*Lat.*) xv. 611
 Callirhipis, (*Lat.*) xiv. 325
 Childreni, xiv. 365
 Dejeunii, xiv. 326
 ruficornis, xiv. 365
 Callisthenes, description of, xiv. 235
 Callistus, description of, xiv. 223
 Callomyia, (*Meig.*) xv. 696
 Calobata, (*Fab.*) xv. 715
 Calobates, (*Lat.*) xv. 715
 Calopus, (*Fab.*) xv. 19
 Calosoma, (*Fab.*) xv. 13
 (*Fab.*) description of, xiv. 206.
 235
 calidum, xiv. 235
 indagator, xiv. 235
 inquisitor, xiv. 235. 267
 longicornis, xiv. 206
 porculatum, xiv. 235
 reticulatum, xiv. 235
 scrutator, xiv. 235
 Calosomi, conical appendages of the, xiv.
 174
 Calopes, antennæ of, xv. 18
 Calymbetes Loweii, xiv. 284
 Calyptocephalus, xiv. 370
 Campsia, (*Lep. & Ser.*) xv. 12
 Camptocerus, (*Dej.*) xv. 82

- Camptodontus*, description of, xiv. 204
Cayennensis, xiv. 204
Camptognetha testacea, xv. 516
Camptorhynchus, xv. 61
Campylus, (*Fisc.*) xiv. 322
Campylomyza, (*Wied.*) xv. 688
Canopseus, (*Meig.*) xv. 703
Canopus punctatus, xv. 233
Cantharis, (*Geoff.*) xv. 27. 33
 (*Degeer.*) xv. 41
 (*Lin.*) xiv. 330. 337. 340. 353
 ænea, xiv. 340
 bipustulata, xiv. 340
 dermestoides, xiv. 353
 fusca, xiv. 337
 livida, xiv. 338
 officinalis, xv. 43, 44
 Orientalis, where found, xiv. 93
 qualities of, xv. 47
Cantharides, xv. 45
 what called by the Ancients, xv. 50
 elytra of, xiv. 17
 mode of collecting, xv. 49
 mode of preserving, xv. 49
Cantharidia, xv. 31
Cantharus, with what synonymous, xiv. 510
Capnodes, xiv. 357
Capricornus, xv. 116
Capricornus, coleoptera of, xiv. 68
Capsus, xv. 219
Carabi, conical appendages of the, xiv. 174
 dwelling of, xiv. 183
 majores, xiv. 276
Carabici, description of the, xiv. 182
 grandipalpus, xiv. 191
 hunters and carnivora, xiv. 175
 subgenera of, xiv. 190
 succeed to *Drypta*, xiv. 192
 where placed by Dejean, xiv. 188
Carabus, xv. 68
 derivation of the word, xiv. 265
 description of, xiv. 182. 195. 233
 (*Fab.*) description of, xiv. 206. 236
 (*Lin.*) description of, xiv. 220. 234
 æneus, xiv. 209
 affinis, xiv. 234
 agricola, xiv. 226
 agrorum, xiv. 224
 albipes, xiv. 223
 ammon, xiv. 224
 angulatus, xiv. 228
 angustatus, xiv. 235
 angusticollis, xiv. 223
 articulatus, xiv. 242
 arvensis, xiv. 234
Carabus auratus, xiv. 234
 auro-nitens, xiv. 234
 azureus, xiv. 225
 biguttatus, xiv. 242
 bipunctatus, xiv. 242
 bipustulatus, xiv. 226
 borealis, xiv. 239
 brevicollis, xiv. 237
 buprestis, xiv. 277
 Calydonius, xiv. 206
 cancellatus, xiv. 234
 carnifex, xiv. 224
 cassideus, xiv. 226
 catenatus, xiv. 234
 cephalotes, xiv. 218
 cinctus, xiv. 224, 225
 cisteloïdes, xiv. 221
 cælatius, xiv. 234
 cæruleus, xiv. 234
 concolor, xiv. 234
 consitus, xiv. 234
 convexus, xiv. 234
 coriaceus, xiv. 233
 crepitans, xiv. 266
 Creutzeri, xiv. 233
 Cræsus, xiv. 225
 crux-major, xiv. 228
 cursor, xiv. 242
 cyaneus, xiv. 233
 cyanocephalus, xiv. 196
 decorus, xiv. 242
 depressus, xiv. 215. 226. 233
 dorcus, xiv. 501
 Doris, xiv. 242
 emarginatus, xiv. 226
 excavatus, xiv. 229
 Fabricii, xiv. 233
 festivus, xiv. 224
 flavicornis, xiv. 223
 frigidus, xiv. 221
 fuscus, xiv. 221
 gemmatus, xiv. 234
 gibbus, xiv. 211
 gigas, xiv. 232
 glabratus, xiv. 234
 granulatus, xiv. 234
 guttula, xiv. 242
 helopiodes, xiv. 224
 Helwigii, xiv. 237
 hirtipes, xiv. 209
 hispanus, xiv. 233
 hæmorrhoidalis, xiv. 196
 Hoffmansegii, xiv. 226
 holosericeus, xiv. 224
 hortensis, xiv. 234
 impressus, xiv. 225
 irregularis, xiv. 234
 leucophthalmus, xiv. 214. 220
 lunatus, xiv. 224

- Carabus madidus*, xiv. 216
 marginatus, xiv. 223
 Megerlei, xiv. 232
 melanocephalus, xiv. 221
 Meridianus, xiv. 210
 merulianus, xiv. 242
 micans, xiv. 224
 micros, xiv. 242
 minutus, xiv. 242
 modestus, xiv. 242
 monilis, xiv. 234
 monticola, xiv. 214
 morbillosus, xiv. 234
 multipunctatus, xiv. 239
 nigricornis, xiv. 224
 nitens, xiv. 234
 nodulosus, xiv. 234
 notulatus, xiv. 228
 oblongo-punctatus, xiv. 216
 oblongus, xiv. 223
 oculatus, xiv. 224
 osseticus, xiv. 233
 parum-punctatus, xiv. 223
 Paykullii, xiv. 217
 peltatus, xiv. 226
 picicornis, xiv. 237
 picimanus, xiv. 214
 pilicornis, xiv. 229
 planus, xiv. 186, 220
 politus, xiv. 225
 posticus, xiv. 224
 prasinus, xiv. 223
 psammodes, xiv. 237
 puchellus, xiv. 242
 purpurascens, xiv. 234
 pygmæus, xiv. 242
 Pyræneus, xiv. 234
 quadricolor, xiv. 224
 quatuor-punctatus, xiv. 223
 quatuor-sulcatus, xiv. 224
 quatuor-guttatus, xiv. 242
 rufescens, xiv. 237
 rufipes, xiv. 229
 sabulosus, xiv. 237
 saponaceus, xiv. 224
 scabrosus, xiv. 232, 233
 Scheidlerii, xiv. 234
 scorbiculatus, xiv. 223
 selphoides, xiv. 226
 semipunctatus, xiv. 240
 sex-punctatus, xiv. 223
 signatus, xiv. 209
 spinibarbis, xiv. 237, 278
 spinilabris, xiv. 237
 spoliatus, xiv. 224
 stigma, xiv. 224
 striola, xiv. 215
 sycophanta, xiv. 235, 278
 sylvestris, xiv. 234
 tenebrioides, xiv. 214
- Carabus tenuicollis*, xiv. 224
 terminatus, xiv. 237
 terricola, xiv. 220
 tricolor, xiv. 242
 uliginosus, xiv. 239
 ustulatus, xiv. 242
 vaporariorum, xiv. 210
 vespertinus, xiv. 210
 violaceus, xiv. 234
 vivalis, xiv. 221
Cararia, (*Lep. & Ser.*) xv. 12
Carcophagus, xv. 126
 Banksiæ, xv. 126
Carenum, description of, xiv. 199
Caris, description of the, xiv. 180
Carnivora, description of the, xiv. 172
Carpenter-ants, xv. 444
Carpenter-bees, the, xv. 570
Carpomyzæ, xv. 715
Caruns of M. Nitzsch, xv. 706
Casnonia, description of the, xiv. 189
Cassida, xv. 143
 (*Lin.*) xv. 136
 bicolor, xv. 772
Cassidæ, habits of the, xv. 131
Cassidiaræ, the, xv. 135
Cassignetus geotrupoides, xiv. 499
Castnia, (*Fab.*) xv. 595, 596
Catadromus, xiv. 214
Catascopus, description of, xiv. 218
 (of M. Kirby) xiv. 188
Catops, (*Fab.*) xiv. 398
 (*Payk.*) xiv. 398
 blapoides, xiv. 398
Catascopus elegans, xiv. 219
 Hardwickii, xiv. 218
Caterpillar of Bombyx Neustria, xv. 655
 the common, xv. 650
 of large cabbage butterfly, xiv. 5
 mouth of a, xiv. 22
 nest of the, xv. 651
Caterpillars, attitudes of, xv. 647
 change of skin of, xv. 580
 chrysalis from, xiv. 20
 colours of, xv. 638
 experiment upon, xv. 662
 eyes of, xiv. 46
 false, xv. 391, 397
 the fish-formed, xv. 617
 food of, xiv. 67; xv. 580, 642
 general history of, xv. 635
 the geometer, xv. 665
 the hairy, xv. 640
 horn of, xv. 639
 intestines of, xv. 581
 labours of certain, xiv. 113
 leaves of apple trees feed, xv. 658
 of lepidoptera, xiv. 66
 metamorphosis of, xv. 667

- Caterpillars, mode of life in, xv. 641
 moulting of, xv. 666
 muscles of, xiv. 54
 no blood vessels in, xiv. 71
 pine forests nourish, xv. 652
 prejudice against, xv. 648
 the processionary, xv. 657
 procession of, xv. 653
 remark of Aristotle respecting, xiv. 80
 the rolling, xv. 661
 the shorn, xv. 640
 skin of, xv. 638
 societies of, xv. 580
 spinning of, xv. 654
 unsocial nature of, xv. 659
 winter retreats of, xv. 649
- Catheretes, (*Herbst.*) xiv. 401
- Cebrio, (*Oliv.*) xiv. 323
 (*proper.*) xiv. 324
 bicolor, xiv. 352
 brevicornis, xiv. 324
 femoratus, xiv. 325
 fuscus, xiv. 325
 gigas, xiv. 324, 325
 longicornis, xiv. 324
 ruficollis, xiv. 325
- Cebriones, xiv. 365
 peculiarity of the, xiv. 309
 where found, xiv. 92
- Cebionites, xiv. 323
- Cecidomye, (*Lat.*) xv. 429
- Cecidomyia, (*Meig.*) xv. 685
 the, xv. 748
- Cecydomyiæ, food of, xiv. 68
 larvæ of, xv. 749
 nymphs of, xv. 749
- Celerio, sphinx, xv. 597
- Celonites, (*Lat.*) xv. 379
- Celyphus, (*Dalm.*) xv. 716
 obtectus, (*Dalm.*) xv. 716. 773
- Cemonus, (*Jur.*) xv. 378
- Cenopalpus, (*Gyll.*) xv. 18
- Cenops, (*Lin.*) xv. 705
- Centrinus, xv. 61
- Centris, (*Fab.*) xv. 387
- Centrotus, (*Fab.*) xv. 225
 furcatus, xv. 261
 globularis, xv. 261
- Cephaleia, (*Jur.*) xv. 357
- Cephalia, (*Meig.*) xv. 715
- Cephalocera, (*Lat.*) xv. 698
- Cephalotes, description of, xiv. 218
- Cephus, (*Lat.*) xv. 358
- Cerambycinæ, size of, xiv. 96
- Cerambycini, xv. 100
- Cerambyx, xv. 101. 116
 (*Deg.*) xv. 99
 (*Fab.*) xv. 102, 103. 112
- Cerambyx, (*Oliv.*) xv. 19. 102
 ambrosiacus, xv. 103
 carcharias, xv. 110
 cerdo, xv. 104
 coriaceus, xv. 100
 Fichteli, xv. 117
 fuliginator, xv. 109
 heros, xv. 104. 117
 linearis, xv. 110
 longimanus, xv. 108
 moschatus, xv. 103
 proper, xv. 104
 regular, xv. 101
 sanguineus, xv. 105
 textor, xv. 109
- Cerapterus, xv. 83
- Ceramus, (*Lat.*) xv. 380
- Ceraphron, (*Jur.*) xv. 368
- Ceraspis, (*Lepel.*) xiv. 481
 pruinosa, xiv. 482
- Ceratophya, (*Wied.*) xv. 704
- Ceratophyus, of M. Fischer, xiv. 463
 dispar, xiv. 463
- Ceratopogon, (*Meig.*) xv. 685
- Ceraturgus, (*Wied.*) xv. 691
- Cerceris, (*Lat.*) xv. 379
- Cerocomia, (*Geoff.*) xv. 31
 description of, xv. 49
 cantharides distinct from, xv. 46
- Cercopis, xv. 226
 fulvo scutellata, xv. 262
 spumaria, xv. 261
- Cercus, (*Lat.*) xiv. 401
- Cercydion, xiv. 432
- Cereatina, (*Lat.*) xv. 383
- Ceria, (*Fab.*) xv. 703
- Ceriæ, the, xv. 763
- Cermatia, description of, xiv. 133
 livida, xiv. 134
- Ceropales, (*Lat.*) xv. 375
- Cerophytum, xiv. 318
- Ceroplasteus, (*Bosc.*) xv. 688
- Certallum, (*Meg.*) xv. 105
- Cerura, (*Schr.*) xv. 612
- Cerylon, (*Gyll.*) xv. 85
 (*Lat.*) xv. 85
- Cethosia, xv. 583
 (*Fab.*) xv. 587
- Cetonia, of Fabricius, xiv. 473. 494, 495
 aurata, xiv. 496. 516
 Chinensis, xiv. 495
 cornuta, xiv. 495
 cruenta, xiv. 495
 elongata, xiv. 493
 fastuosa, xiv. 496
 gagates, xiv. 494
 geotrupinus, xiv. 494
 imperialis, xiv. 495

- Cetonia Kirbii*, xiv. 516
plana, xiv. 495
regia, xiv. 495
vencosa, xiv. 495
Cetonia, where found, xiv. 530
Ceutocerus, xiv. 390
Ceutorhynchus, xv. 62
Chalcidæ, xv. 364
Chalcides, larvæ of, xv. 581
Chalcidites, the, xv. 433
 larvæ of the, xv. 433
Chalcimon, (*Dalm.*) xiv. 499
 Humboldtii, xiv. 499
Chalcis, (*Fab.*) xv. 364
 proper, xv. 365
Chalepus, xv. 136
 (*Macleay*), xiv. 472
Chasme, (*Lep. & Ser.*) xiv. 488
Chasmodia, (*Mac.*) xiv. 474
Chasmoderis, (*Dej.*) xiv. 488
Chauliodes, (*Lat.*) xv. 299
 maculipennis, xv. 332
Chelobasis, new subgenus of, xv. 143
Chelonarium, xiv. 364
 (*Fab.*) xiv. 317
Chelonia, (*Godart*) xv. 611
Chelonus, (*Jur.*) xv. 363
Chelostoma, (*Lat.*) xv. 384
Chermes, (*Lin.*) xv. 227
 (*Geoff.*) xv. 228
 (*Lin.*) habits of, xv. 264
Chernnum, (*Latr.*) xv. 166
Chigoe, xiv. 156
Chilognatha, description of, xiv. 126.
 137
 motion of the, xiv. 127
Chilopoda, description of, 151. 140
Chionea, (*Dalman*) xv. 687
Chirocera, (*Latr.*) xv. 365
Chiromyza, (*Wied.*) xv. 698
Chiron, xiv. 502
 (*Mac L.*) xiv. 460
 digitatus, xiv. 461
Chironomi, the, xv. 743
 larvæ of, xv. 745
Chironomus, (*Meig.*) xv. 684
 curious appearance of, xv. 318
 plumosis, xv. 744
Chirosceles, (*Lam.*) xiv. 560
 bifenestra, xiv. 561
Chlamys, (*Knoch.*) xv. 137
Chlænius, description of, xiv. 224
 azureus, xiv. 225
 velutinus, xiv. 224
Chlorima, xv. 57
Chlorion, (*Lat.*) xv. 375
Chlorops, (*Meig.*) xv. 714
Chæridium, xiv. 454
Choleva, xiv. 397
Choleva, (*Latr.*) xiv. 398
Choragus, (*Kirb.*) xv. 138
Chrysides, (*Lat.*) xv. 369
 the, xv. 434
Chrysina auripes, xiv. 517
 of Kirby, xiv. 516
 Mexicana, xiv. 517
 Peruviana, xiv. 516
Chrysis, xv. 526
 of Linnæus, xv. 369
 of Spinola, xv. 370
 organs of touch of, xiv. 64
Chrysobotus, xiv. 358
Chrysochloa, (*Lat.*) xv. 700
Chrysomela, xiv. 139. 148
 (*Fab.*) xv. 13
 (*Lin.*) xv. 27. 123
 Calmariensis, xv. 141
 cerealis, xv. 140
 elongata, xiv. 343
 larvæ of, xv. 152
 nitidula, xv. 142
 oleracea, xv. 142
 populi, xv. 140
 populi, fluid emitted by, xiv. 73
 proper, xv. 140
 sanguinolenta, xv. 140
 tanacetii, xv. 141
Chrysomelinae, xv. 136
Chrysomelina, size of, xiv. 96
Chrysophora, (*Dej.*) xiv. 473
Chrysopilus, (*Fab.*) xv. 695
Chrysops, (*Meig.*) xv. 697
Chrysotus, xv. 696
Chrysotoxa, the, xv. 763
Chrysotoxum, (*Meig.*) xv. 703
Chyliga, (*Fall.*) xv. 713
Chylognatha, lower lip of the, xiv. 132
Cicada, (*Lin. Fab.*) xv. 226
 (*Oliv.*) xv. 223
 Kirby's remarks on, xv. 254
 mannifera, xv. 252
 of what composed, xv. 252
 orni, xv. 252
 septendecim, xv. 255
 spumaria, xv. 261
Cicada tibicen, xv. 255
Cicadæ, larvæ of, xv. 257
Cicadaria chrysis, xv. 682
Cicadariae, xv. 223
 psylus, xv. 682
Cicadella, xv. 224
 proper, (*Oliv.*) xv. 226
Cicadellæ proper, xv. 263
Ciccus, (*Lat.*) xv. 226
Cicindela aquatica, xiv. 240
 bipustulata, xiv. 177
 campestris, xiv. 179
 Carolina, xiv. 177

- Cicindela coarctata*, xiv. 180
 compared with *Ditomos Bucephalus*, xiv. 198
 description of the, xiv. 176. 178
dromica, xiv. 180
flavipes, xiv. 241
 for *cantharides*, xv. 48
Germanica, xiv. 179
Hybrida, xiv. 179
manticora, xiv. 263
megalcephala, xiv. 177
octonotata, xiv. 264
quadrinaculata, xiv. 242
quadrinotata, xiv. 178
riparia, xiv. 239
sinuata, xiv. 179
sylvatica, xiv. 179. 262
tristis, xiv. 177
 what called, xiv. 366
 connected with what, xiv. 191
 radial articulation of the, xiv. 183
 what indicated by, xiv. 261
Cicindeletæ, xiv. 191
 description of the, xiv. 176
Cigala mantes, xiv. 92
 noise made by, xiv. 76
 wings of, xv. 230
Cigalæ, abdomen of female, xv. 231
 food of, xiv. 67. 232
 epimoros of, xiv. 51
 metamorphosis of, xiv. 81
Cigales chanteuses, xv. 252
Cimbex, xv. 400
 (*Oliv.*) xv. 355
 amerinæ, larvæ of, xv. 401
Cimbices, flight of, xv. 401
Cimex, of Linnaeus, xv. 217. 232
Cimex betulæ, xv. 234
baccarum, xv. 235
 families of, xv. 233
griseus, xv. 235
lectularius, xv. 237
ornatus, xv. 236
personatus, xv. 243
tipularius, xv. 242
 upper wings of, xv. 229
vagabundus, xv. 244
Cimices scutellati, xv. 232
Cinetus, (*Jur.*) xv. 368
Cinips, xv. 526
Cionus, (*Clair.*) xv. 61
Circellium, (*Latr.*) xiv. 454
Cis, (*Lat.*) xv. 84
 approximate to what, xv. 5
boleti, xv. 91
 of what composed, xv. 91
Cissites, xv. 31
Cistela, of Geoffroy, xiv. 407; xv. 22
Cistela, (*Fab.*) xv. 15, 16
cervina, xiv. 327
Cistelides, xv. 15
Cistogaster, (*Lat.*) xv. 708
Citellaria, (*Meig.*) xv. 700
Cixius, xv. 224
Cladius, (*Klug.*) xv. 356
Cladophorus, xiv. 371
Clambus, xv. 168
Clavicornes, xiv. 308
 family of the, xiv. 384
Claviger proper, xv. 168
Clavipalpi, xv. 154
Clavipes, (*Fab.*) xv. 365
Cleonus, xv. 59
Cleonymus, (*Latr.*) xv. 366
Cleopatra Papilio, (where found,) xiv. 88
Cleptes, (*Fab.*) xv. 366
 of Latreille, xv. 370
Cleri, of Olivier, xiv. 399
Clerus, xiv. 374
 (*Fab.*) xiv. 345
 (*Geoff.*) xiv. 342
alvearius, xiv. 375
apiarius, xiv. 374
formicarius, xiv. 345
Kirbyi, xiv. 376
mollis, xiv. 345
mutillarius, xiv. 345
 proper, (*Geoff.*) xiv. 345
unifasciatus, xiv. 343
Clitus, (*Fab.*) xv. 105
Clivina, description of, xiv. 204
Arctica, xiv. 205
Clypeaster, (*Andersche*) xv. 159
Clythra, (*Fab.*) xv. 137
quadripunctata, xv. 137
Clytus Haiji, xv. 118
Cnemacanthus gibbosus, xiv. 276
Cnemidotus, description of, xiv. 251
Cnodalon, (*Lat.*) xv. 12
 (*Fab.*) xv. 13
 a new species of, xv. 21
nodosum, xv. 22
Cobax, of M. Germar, xv. 223
Cocci, abdomen of, xv. 231
 female without wings, xv. 23
granum, (*Pliny*) xv. 291
 injury done by, xv. 276
Coccinella, xv. 160
bipunctata, xv. 159. 162
 for *cantharides*, xv. 48
 larvæ of, xv. 152
pustulata, xv. 159
septempunctata, 159. 162
Coccinellæ, food of the, xv. 161
 larvæ of, xv. 162
Cœlioxys, (*Lat.*) xv. 385

- Cænomyia, (*Lat.*) xv. 699
 Cænusia, (*Meig.*) xv. 711
 Coccus, xv. 229. 273
 (*Geoff.*) xv. 274
 of *Lin.*, xv. 228
 cacti, xv. 277
 caraccias, xv. 37
 farinarius, xv. 285
 ficus caricæ, xv. 284
 tinctorius Polonicus, xv. 282
 ulmi, xv. 282, 283
 Cochineal, (*Geoff.*) xv. 274
 cultivation of the, xv. 273
 insects, xv. 273
 insects, maternal stratagem of, xv. 77
 insects, size of, xv. 78
 Cochineals, habits of the, xv. 275
 Cochleoctonus, xv. 336
 Cochonnes, what called, xv. 597
 Cock-chaffer, xv. 519
 Cock-chafers, larvæ of, xv. 521
 method for destruction of, xv. 525
 ravages of, xv. 521
 Cock-roaches, xv. 184
 Cocytia, (*M. Bois Duval*) xv. 595
 Codrus, (*Jur.*) xv. 368
 Colaphus, (*Meg.*) xv. 140
 Colapses, xv. 149
 Colaspis, (*Fab.*) xv. 139
 Coleoptera, aquatic, winglet of, xv. 17
 of *Capricornus*, food of, xv. 68
 carnassial, buccal apparatus of, xv. 6
 carnivorous, where found, xv. 96
 corslet of, xv. 12
 description of, xv. 26. 170
 derivation of, xv. 254
 eyes of, xv. 45
 fluid emitted by flesh-eating, xv. 72
 food of, xv. 67
 herbivorous, size of, xv. 78
 lamellicorneous, different from other hexapodes, xv. 4
 masticating insects, xv. 40
 mesothorax of, xv. 51
 metamorphosis of, xv. 82
 microptera, xv. 290. 292
 nicerium of, xv. 15
 nymphæ of, xv. 21
 stigmata on first segment of, xv. 3
 tarsi of, xv. 261
 thoracic segments of, xv. 13
 thorax of, xv. 11
 Coleoptera, what so called, xv. 17
 Colletes, (*Lat.*) xv. 382
 Colliuris emarginata, xv. 182
 description of the, xv. 181
 longicollis, xv. 182
 Collyris, description of the, xv. 181
 Colobicus, (*Latr.*) xv. 399
 tarsi of, xv. 400
 Colobotheca, xv. 110
 Colophæna, description of, xv. 193
 Colophon, of Mr. Westwood, xv. 533, 534
 Colpodes, description of, xv. 219
 Brunnerus, xv. 220
 Colydium, (*Hellw.*) xv. 84. 86
 Colymbetes, description of, xv. 247
 Comasinus, (*Deg.*) xv. 60
 Coniatus, (*Schaen.*) xv. 59
 Conognathus, xv. 358
 Conops, the, xv. 766. 766
 (*Lin.*) xv. 701. 706
 rufipes, xv. 766
 Conopsariæ, xv. 706. 766
 Cophenes, (*Lat.*) xv. 706
 Cophosus cylindricus, xv. 215
 Copris, xv. 450. 511
 of *Fabricius*, xv. 455, 456
 (*Oliv.*) xv. 458
 Antenor, xv. 457
 Bucephalus, xv. 457
 gigas, xv. 457
 hamadryas, xv. 457
 hispanus, xv. 457
 jachus, xv. 457
 lunaris, xv. 450
 Midas, xv. 457
 Molossus, xv. 457
 nemestrinus, xv. 457
 proper, xv. 506
 proper, (*Geoff.*) xv. 457
 Sabæus, xv. 457
 Coprobis, xv. 454
 Copromyza, (*Fall.*) xv. 712
 Coprophagi, xv. 447. 449
 Coprophilus, description of, xv. 296
 Coptocephalus Brasiliensis, xv. 113
 Coptodera, description of, xv. 197
 Cordistes, description of, xv. 193
 cinctus, xv. 272
 Cordyla, (*Meig.*) xv. 689
 Cordylura, xv. 713
 Corei, xv. 240
 Corethra, xv. 742
 (*Meig.*) xv. 684
 culiciformis, xv. 742
 Corethræ, nymphs of, xv. 743
 Coreus bicolor, xv. 241
 bistrix, xv. 240
 (*Fab.*) xv. 218

- Corixa, (*Geoff.*) xv. 222
 Corixæ, habits of the, xv. 251
 Coronis, (*Lat.*) xv. 596
 Corslet rouge, xiv. 196
 Corsyra, between Brachini & Catascopi, xiv. 188
 Corticus, (*Dej.*) xiv. 560
 Corydalis, (*Lat.*) xv. 299
 Corynetes, (*Fab.*) xiv. 346, 347
 sanguinicollis, xiv. 347
 Cossiphenes, xv. 5
 Cossonus, (*Clairv.*) xv. 63
 Cossus, (*Fab.*) xv. 603, 604
 œsculi, xv. 605
 ligniperda, xv. 579. 604
 no blood vessels in, xiv. 71
 palpi of, xv. 601
 pyrinus, xv. 605
 scalaris, xv. 605
 Cossyphus proper, (*Fab.*) xv. 6
 (*Gyll.*) xv. 159
 (*Oliv.*) xv. 5
 depressus, xv. 9
 Coxelus, xv. 5
 Crabro, (*Fab.*) xv. 378
 (*Geoff.*) xv. 355
 improper name of, xv. 400
 Crabronitæ, xv. 377
 Crambi, (*Fab.*) xv. 620
 Crambus, (*Fab.*) xv. 625
 carnellus, xv. 625
 carneus, xv. 626
 erigatus, xv. 624
 Craspedosome, xiv. 131
 Cremastocheluis, (*Knoch.*) xiv. 493
 Creophilæ, xv. 707
 Crepuscularia, xv. 594
 Cricket, bill of the, xiv. 15
 house, xv. 199
 Crickets, appendages of the trachea of
 abdominal segment, xiv. 16
 field, xv. 198
 field, habits of, xv. 201
 how destroyed, xv. 200
 sound produced by, xiv. 76
 stigma of the metathorax of,
 xiv. 3
 why called, xv. 197
 Criocerides, xv. 123
 Crioceris, xv. 125. 141
 (*Fab.*) xv. 122
 (*Geoff.*) xv. 123
 how produced, xv. 430
 larvæ of, xv. 132. 754
 Crioceres, xv. 126
 larvæ of, xv. 128
 Criquets proprement dits, xv. 202
 of Geoffroy, habits of, xv. 204
 Cuv. Index.
- Crocisa nitidula, xv. 575
 (*Jur.*) xv. 386
 Crustacea, of M. de Lamarck, xiv. 25
 amphipod, segments of abdomen
 of, xiv. 9
 decapode, heart of, xiv. 2
 decapode, segments of abdomen
 of, xiv. 9
 description of, xiv. 38
 form a part of insects, xiv. 24
 insects differ from, xiv. 1
 isipod, segments of abdomen of,
 xiv. 9
 jaws of, xiv. 9
 made a particular class by M.
 Cuvier, xiv. 39
 thorax of, xiv. 10
 Crydia, appendages of the trachea of
 abdominal segment, xiv. 16
 Crypticus, (*Lat.*) xiv. 559
 Cryptocephali, xv. 146
 Cryptocephalus, xv. 137
 proper, xv. 138
 quadripunctata? xv. 146
 rugicollis, xv. 146
 Cryptocerus, (*Latr.*) xv. 372
 Cryptodus, xiv. 467
 Cryptophagus, (*Herbst.*) xiv. 402
 silaceus, xiv. 403
 Cryptorhynchus, xv. 62. 72
 Cryptosoma, (*Dej.*) xiv. 319
 Cryptus, (*Fab.*) xv. 361
 (*Jur.*) xv. 356
 Lavignii, xiv. 135
 (of Dr. Leach) xiv. 135
 hortensis, xiv. 135
 Cryptops, (*Sch.*) xv. 56
 Ctenipes, description of, xiv. 221
 Ctenicera, (*Lat.*) xiv. 320
 Ctenistes, (*Reich.*) xv. 167
 Ctenodactyla, description of, xiv. 194
 Chevrolatii, xiv. 194
 of Cayenne, xiv. 194
 Ctenodes, (*Oliv.*) xv. 103
 Ctenophora, (*Meig.*) xv. 685
 Ctenostoma, description of the, xiv. 180
 Cucujus, (*Fab.*) description of, xiv. 95. 199
 bifipes, xv. 199
 Cuculinæ, xv. 385
 Culex of Linnæus, xv. 683. 725
 annulatus, xv. 732
 ciliatus, xv. 684
 reptans, xv. 752
 Culices, the, xv. 726
 annoyance from, xv. 729
 corslet of the, xv. 728
 Culicides, (*Lat.*) xv. 683
 Culicoides, (*Lat.*) xv. 685
 K k

- Cupes, (*Fab.*) xiv. 354
 capitata, xiv. 354
 Curculio, xv. 68
 of Fabricius, xv. 56. 58. 69
 (*Lin.*) xv. 20. 55
 properly so called, xv. 57
 larvæ of, xv. 93
 acuminatus, xv. 57
 argentatus, xv. 69
 chrysis, xv. 69
 cyanipes, xv. 70
 fastuosus, xv. 69
 ligustici, xv. 70
 regalis, xv. 69
 spectabilis, xv. 70
 taniarisci, xv. 69
 viridis, xv. 69
 Curculiones leaping, xv. 69
 Cursoria, xv. 171
 Cychrus, description of, xiv. 231
 attenuatus, xiv. 231
 elevatus, xiv. 231
 Italicus, xiv. 231
 reflexus, xiv. 228
 related to Dryptæ, xiv. 191
 rotatus, xiv. 231
 Cyclica, xv. 134
 supplement on the, xv. 143
 Cyclocephæ, (*Latr.*) xiv. 472
 Cyclomus, xv. 56
 (*Schoe.*) xv. 56
 Cyclosomi, anatomical observation, xiv. 208
 Cylas, (*Lat.*) xv. 55
 Cylidrus, (*Lat.*) xiv. 343
 Cyllenia, (*Lat.*) xv. 694
 Cymatodera, xiv. 375
 Cymex, (*Lat.*) xv. 220
 Cymindis anomæus, description of, xiv. 195
 fusula, xiv. 188
 Cynips, xv. 419
 of *Lin.* xv. 364
 eggs of, xv. 423
 fagi, gall of, xv. 429
 galls produced by, xv. 425
 ficus caricæ, xv. 424
 food of, xiv. 68
 glecome, gall of, xv. 429
 psenes, xv. 424
 quercûs folii, gall of the, xv. 427
 gall produced by, xv. 427
 Cynthia, description of, xiv. 227
 Cyphicerus, (*Schoe.*) xv. 57
 Cyphomyia, (*Wied.*) xv. 699
 Cyphon, (*Fab.*) xiv. 328
 palustris, xiv. 329
 Cyrtus, (*Lat.*) xv. 692
 Dacne, proper, (*Lat.*) xiv. 402. 420
 Dacus, (*Fab.*) xv. 716
 Dalcar, (*Deg.*) xiv. 561
 Damoiselles, what called, xv. 304. 312
 Danai festivi, xv. 583
 Danaïs, (*Fab.*) xv. 586
 Dapsa, (*Zieg.*) xv. 157
 Daptus, description of, xiv. 208
 pictus, xiv. 208
 vittatus, xiv. 208
 Darcacerus, (*Dej.*) xv. 102
 Darnis, (*Fab.*) xv. 225
 camelus, xv. 260
 Dascillus, (*Lat.*) xiv. 327
 Dasycerus, (*Brong.*) xv. 87
 Dasygastræ, (*Cuv.*) xv. 384
 Dasygnathus, where placed, xiv. 469
 Dasypoda, (*Lat.*) xv. 382
 Desypogon, (*Meig.*) xv. 690
 Dasytes, xv. 35
 (*Fab.*) xiv. 340
 cæruleus xiv. 340
 Dasyus, (*Serv.*) xiv. 482
 Death's head moth, xv. 677
 Death-watch, xiv. 351
 Decatoma, (*Lat.*) xv. 699
 Delphax, (*Fab.*) xv. 224
 Deltoides, (*Lat.*) xv. 620
 Demetrias, description of, xiv. 195
 Dendari, (proper) xiv. 557
 Dendarus, xiv. 556
 Dendroides, (*Lat.*) xv. 28
 Dendrophagus, (*Gyll.*) xv. 95
 Dendrophilus, (*Leach*) xiv. 389
 Denticrura, description of, xiv. 294
 Deracanthus, (*Schæ.*) xv. 56
 Derbe, (*Fab.*) xv. 224
 Dermaptera of Kirby, xv. 179. 229
 Dermeste à oreilles, xiv. 411
 Dermestes, xiv. 379. 403. 420
 (*Fab.*) xiv. 401. 405; xv. 87, 88
 (*Geoff.*) xiv. 391. 402. 426
 (*Lin.*) xiv. 340. 401. 402. 404; xv. 84
 adstrictor, xiv. 318
 affinis, xiv. 404
 atomarius, xv. 168
 emarginatus, xiv. 405
 hirtus, xiv. 340
 laniarius, xiv. 404
 lardarius, xiv. 404
 means of removing, xiv. 422
 Megatoma, xiv. 405
 murinus, xiv. 404
 pellio, xiv. 405
 rufitarsis, xiv. 407
 scarabæoides, xiv. 432
 serra, xiv. 406

- Dermestes subfasciatus*, xiv. 406
 tessellatus, xiv. 404
 trifasciatus, xiv. 404
 undatus, xiv. 404, 405
 violaceus, xiv. 347. 377
 vulpinus, xiv. 404
 where found, xiv. 421
Desmocerus, (of *Dej.*) xiv. 111
Dermoptera, description of, xiv. 26
Dexia, (*Meig.*) xiv. 709
Dialyta, xv. 713
Diaperales, xv. 2. 7
Diaperis, xv. 2
 Boleti, xv. 8
 nigro-punctatus, xv. 8
 proper, (*Geoff.*) xv. 3
 whence named, xv. 8
Diaphorus, xv. 696
Diapria, (*Latr.*) xv. 368
Diasomus digitatus, xiv. 461
Diateina holymenoides, xv. 774
Dibolia, (*Lat.*) xv. 142
Dicerea, xiv. 357
Dicerous, insects called, xiv. 41
Dices, (*Dej.*) xv. 32
Dicheles, (*Lep. & Serv.*) xiv. 488
Dicrania, (*Lep. & Serv.*) xiv. 485
Dicranoura, (*God.*) xiv. 612
Dictya, (*Fab.*) xv. 716
Diesia, xiv. 542
Diggers, description of, xiv. 197; xv. 374
Diglobicerus, xiv. 342
Dinaelateroides, xiv. 322
Dilophus, (*Meig.*) xv. 689
Dinetus, (*Jur.*) xv. 376
Dineutes, xiv. 253
Dinidor, sub-genus of, xv. 218
Dioctria, (*Meig.*) xv. 691
Dinodes rufipes, xiv. 225
Dionæa muscipula, xv. 771
Dionix, (*Dej.*) xv. 166
Diopsii, (*Lin.*) xv. 715
Diopsis brevicornis, xv. 774
 fasciata, xv. 773
Diosomus, (*Dalm.*) xiv. 460
Diphucephala, (*Dej.*) xiv. 482
Diplolepariæ, xv. 363
Diplolepis, (*Fab.*) xv. 366
 (*Geoff.*) xv. 364
Diplopidæ, of *Geoffroy*, xv. 419
 Diploptera, xv. 379
Dipsa, (*Fall.*) xv. 714
Diptera, the, xv. 681
 description of, xiv. 28
 duration of life of, xv. 723
 eyes of, xiv. 45
 larvæ of, xv. 724
 regions of the back of, xiv. 51
 muscles of, xiv. 54
Diptera, metathorax of, xiv. 11
 respiration of, xiv. 74
 stigmata of the thorax of, xiv. 12
 sucker of, xiv. 40
 supplement on the, xv. 721
 wings of, xiv. 16
Dircææ, tarsi of, xv. 11
Dircæa of *Fab.* xv. 16, 17. 18
 barbata, xv. 24
 ruficollis, xv. 23
Discælius, (*Lat.*) xv. 381
Dissectors, what called, xiv. 404
Ditichocera, (*Kir.*) xv. 107
Ditoma chloroticus, xiv. 208
 vittiger, xiv. 208
Ditomus bucephalus, larva of, xiv. 198
 calydanus, xiv. 206
 description of, xiv. 206. 274
Diurna, xv. 582
Dixa, (*Meig.*) xv. 686
Dog-flies, what named, xv. 775
Dolichocera, xv. 714
 Childreni, xv. 65
Dolichoceres, xv. 712
Dolichopi, the, xv. 755
Dolichopides, xv. 695
Dolichopus, (*Lat.*) xv. 695
 ungulatus, xv. 755
Dolichurus, (*Latr.*) xv. 376
Dolichus, description of, xiv. 221
 proper, xv. 696
Donacia, xv. 125
 (*Fab.*) xv. 123
 crassipes, xv. 133
Donaciæ, xv. 121. 133
Dorcacerus, xv. 98
Dorcadion of *Dalman*, xv. 109
Dorcatoma, (*Herbst.*) xiv. 350
 Dresdensis, xiv. 351
Doritis, (*Fab.*) xv. 584
Dorthesia, xv. 37
Dorylas, (*Fab.*) xv. 372
Doryphora, (*Illig.*) xv. 139
 princeps, xv. 149
Dung-beetles, what called, xiv. 507
Dragon-flies, respiration of, xiv. 74
 wings of, xiv. 16
Dragon-fly, experiment upon eyes of,
 xiv. 46
 lenses in the eye of a, xiv. 48
Drapetes, (*Meg. Dej.*) xiv. 317
 castaceus, xiv. 317
Drapetis, (*Meig.*) xv. 692
Drepana, xv. 612
Drilus, (*Oliv.*) xiv. 335
 ater, xiv. 337
 ruficollis, xiv. 337
 subflavus, xiv. 336
Dromias, description of, xiv. 195
 K k 2

- Dromica tuberculata*, xiv. 265
 Drummer, what called, xv. 186
Dryinus, (*Lat.*) xv. 367
Drymela, (*Meig.*) xv. 711
Dryomyza, xv. 714
Dryops, (*Fab.*) xv. 19, 20
 of Olivier, xiv. 410
 (*Payk.*) xv. 14
 (*Schoenh.*) xv. 19
 affinity with *gyrini* of, xiv. 409
 picipes, xiv. 411
 (proper) (*Oliv.*) xiv. 411
Dryopthorus, xv. 63
Drypta emarginata, xiv. 192
 description of the, xiv. 192
Dryptæ, related with *Cychrus*, xiv. 191
Dynastes, lenses in the eye of a, xiv. 48
Dyschirius, description of, xiv. 204
Dytilus, (*Fisch.*) xv. 19
Dyctioptera, (*Lat.*) xiv. 330
Dynastes, type of, xiv. 470
Dytisci, xiv. 433
Dytiscus, xiv. 424
 (*Lin.*) xiv. 429
 abbreviatus, xiv. 248
 aciculatus, xiv. 247
 adpersus, xiv. 248
 agilis, xiv. 248
 ater, xiv. 248
 bimaculatus, xiv. 248
 bipunctatus, xiv. 248
 bipustulatus, xiv. 248
 castalis, xiv. 247
 chalconatus, xiv. 248
 cinereus, xiv. 248
 circumflexus, xiv. 247
 confluens, xiv. 249
 crassicornis, xiv. 250
 depressus, xiv. 249
 description of, xiv. 243, 244
 dorsalis, xiv. 249
 duodecim-pustulatus, xiv. 249
 erythrocephalus, xiv. 249
 fenestratus, xiv. 248
 fuliginosus, xiv. 248
 fulvus, xiv. 250
 fuscus, xiv. 248
 geminus, xiv. 249
 general description of, xiv. 281
 granularis, xiv. 249
 griseus, xiv. 247
 griseus, where found, xiv. 90
 guttatus, xiv. 248
 halensis, xiv. 249
 hyalinus, xiv. 248
 hybernus, xiv. 247
 impressus, xiv. 250
 inæqualis, xiv. 249
 interruptus, xiv. 248
 lævigatus, xiv. 247
 lateralis, xiv. 247
 latissimus, xiv. 246
 Leander, xiv. 248
 lineatus, xiv. 249
 lituzatus, xiv. 249
 maculatus, xiv. 248
 marginalis, xiv. 245, 246
 marmoreus, xiv. 248
 minutus, xiv. 248
 nigrita, xiv. 249
 obliquus, xiv. 250
 (proper) xiv. 246
 palustris, xiv. 249
 picipes, xiv. 249
 pictus, xiv. 249
 planus, xiv. 249
 punctatus, xiv. 247
 reticulatus, xiv. 249
 Ræseli, xiv. 247
 ruficollis, xiv. 247
 serricornis, xiv. 247
 sex-pustulatus, xiv. 249
 stagnalis, xiv. 248
 stagnalis quatuor-vittatus, xiv. 247
 sticticus, xiv. 247
 sulcatus, xiv. 247
 transversalis, xiv. 247, 248
 tripunctatus, xiv. 247
 varius, xiv. 248
 vittatus, xiv. 247
 zonatus, xiv. 248
Earwig, the common, xv. 171
 the common, description of, xv. 182
Earwigs, description of, xv. 181
 pylorus of, xv. 180
Eccoptogaster, (*Herbst.*) xv. 82
Echinomya, (*Dum.*) xv. 707
Eciton, (*Lat.*) xv. 372
 hamata, xv. 516
Ecomerus, (*Zeig.*) xv. 705
Edessa, (*Fabr.*) xv. 217
 amethystina, xv. 218
 papillosa, xv. 218
Egeria, xv. 598
Engis, (*Fab.*) xiv. 402
Elampus of *Spinola*, xv. 370
Elaphorus, (*Fab.*) xiv. 426
 crenatus, xiv. 426
Elaphri, description of, xiv. 280
Elaphrus, (*Fab. Oliv.*) description of, xiv. 240
 aquaticus, xiv. 240
 biguttatus, xiv. 240
 description of, xiv. 238

- Elaphrus cupreus, xiv. 239
 impressus, xiv. 242
 paludosus, xiv. 239. 242
 riparius, xiv. 239
 rupestris, xiv. 242
 Elater, (*Fab.*) xiv. 319
 (*Lin.*) xiv. 314. 318
 æneus, xiv. 321
 auratus, xiv. 363
 aureolus, xiv. 363
 Borealis, xiv. 322
 buprestoides, xiv. 313. 359
 castaneus, xiv. 321
 clavicornis, xiv. 318
 cinctus, xiv. 322
 cruciatus, xiv. 321
 cupreus, xiv. 320
 denticornis, xiv. 319
 dermestoides, xiv. 318
 equestris, xiv. 317
 fascicularis, xiv. 320
 ferrugineus, xiv. 321
 flabellicornis, xiv. 320
 fuscus, xiv. 317
 germanus, xiv. 321
 hæmatodes, xiv. 320
 lævigatus, xiv. 317
 linearis, xiv. 322
 lusciosus, xiv. 363
 noctilucus, xiv. 320. 362
 occulatus, xiv. 363
 ovalis, xiv. 317
 pectinicornis, xiv. 320
 phosphorus, xiv. 363
 (proper) xiv. 320
 ruficollis, xiv. 321
 striatus, xiv. 315
 undulatus, xiv. 315
 what called, xiv. 359
 Elaterides, xiv. 314
 Elateroides, xiv. 359
 (*Schoeff.*) xiv. 353
 Eledona, (*Latr.*) xv. 5. 9
 Elenophorus, (*Meg. & Dej.*) xiv. 547
 Elephastomus, (*Mach.*) xiv. 465
 Eleutherata, description of the, xiv. 170
 Elmis, (*Lat.*) xiv. 411
 Elodes, (*Lat.*) xiv. 328
 Elophori, xiv. 444
 Elophorus, (*Fabricius*) xiv. 425, 426;
 xv. 85
 aquaticus, xiv. 445
 brevis, xiv. 426
 elongatus, xiv. 426
 marinus, xiv. 426
 minimus, xiv. 426
 pygmæus, xiv. 426
 Elpenor sphinx, xiv. 597
 Embia, (*Lat.*) xv. 347
 Emesa filum, xv. 244
 Empides, the, xv. 753
 Empis, (*Lin.*) xv. 691
 Empusa, (*Illig.*) xv. 172
 Enceladus, description of, xiv. 198
 gigas, xiv. 199
 Encynetus, xiv. 328
 hæmorrhoidalis, xiv. 328
 Encyrtus, (*Lat.*) xv. 367
 Endomychus, (*Web.*) xv. 157
 Endromis, xv. 609
 Engidites, xiv. 402
 Engis, of Fabricius, xiv. 400
 Enicodes, xv. 117
 Enoplium, (*Lat.*) xiv. 347
 Enterides, hepatic conduits of, xiv. 308
 Entimus, xv. 57
 Entodon, (*Dalm.*) xv. 367
 Entomotrachea, thorax of, xiv. 10
 Epeolus, (*Lat.*) xv. 385
 Ephemera, (*Lin.*) xv. 296
 eggs of, xiv. 79
 eyes of, xiv. 45
 instinct of, xiv. 67
 metamorphosis of, xiv. 22. 81
 why named, xv. 313
 females of the, xv. 320
 food of, xv. 316
 gills of, xiv. 75
 great numbers of, xv. 315
 habits of the, xv. 314
 larvæ of the, xv. 321
 motions of the, xv. 318
 Ephydra, (*Fall.*) xv. 711
 Epiphasis cornutus, xiv. 364
 Epippium, (*Meig.*) xv. 700
 Epicharis, (*Klug.*) xv. 387
 Epistenia ceruleate, xv. 432
 of Mr. Westwood, xv. 432
 Epitragi, xiv. 558
 Epitragus, (*Lat.*) xv. 12
 Epomis, description of, xiv. 225
 circumscriptus, xiv. 225
 gorgi, xiv. 276
 Erebus, (*Latr.*) xv. 613
 Erioptera, (*Meig.*) xv. 686
 Eriphia, (*Meig.*) xv. 711
 Eristales, the, xv. 760
 Eristalis, (*Fab.*) xv. 705
 (*Lat.*) xv. 704
 (*Meig.*) xv. 702
 intricarius, xv. 42. 44
 Erodus, (*Fab.*) xiv. 544
 bilineatus, xiv. 544
 gibbus, xiv. 544
 levigatus, xiv. 544
 proper, (*Latr.*) xiv. 544
 Erotylus, (*Fab.*) xiv. 402; xv. 155

- Erycina, (*Lat.*) xv. 592
 Xanthippe, xv. 677
 Ethiopian ant, xv. 446
 Eubria, (*Zieg.*) xiv. 328
 Eucera proper, xv. 386
 Eucera, of America, xv. 386
 Eucharis, xv. 364
 (*Lat.*) xv. 365
 Euchræus, of Latreille, xv. 369
 Euchlora, (*MacL.*) xiv. 484
 Eucnemis, (*Arh.*) xiv. 316
 capucinus, xiv. 316
 Eudamychus, (*Fab.*) xv. 157
 Euglossæ, (*Lat.*) xv. 388
 Eulopa, of Fallen, xv. 226
 Eulophus, (*Geoff.*) xv. 367
 Eumenes, (*Lat.*) xv. 380
 proper, xv. 381
 Eumenia, (*Fab.*) xv. 590
 Childrenæ, xv. 677
 Eumolpus, xv. 147
 (*Fab.*) xv. 138
 vitis, xv. 138. 147
 Eumorphus, xv. 157
 Euparia, xiv. 459
 castanea, xiv. 459
 Eupelix, (*Germ.*) xv. 226
 Eupelmus, (*Dalm.*) xv. 366
 Euploca, (*Fab.*) xv. 586
 Euplocamus, (*Lat.*) xv. 625
 Euplectus, (*Leach.*) xv. 167
 Eupoda, xv. 121
 supplement on the, xv. 125
 Euprosopi, resembling the Cindela, xiv. 178
 Euprosopus, description of the, xiv. 177
 quadrinotatus, xiv. 178
 Eurhinus, (*Kirby*) xv. 54
 (*Schaen.*) xv. 61
 Eurybia, (*Illig.*) xv. 591
 Eurycephalus niger, xv. 119
 new subgenus of, xv. 119
 Eurychile, description of the, xiv. 181
 Eurychora, (*Thunb.*) xiv. 547
 Eurychorus, xiv. 565
 Eurynotus of Mr. Kirby, xiv. 557
 muricatus, xiv. 557
 Euryope, (*Dalm.*) xv. 138
 Euryptera, of M. Guerin, xv. 260
 Eurypus, (*Kirb.*) xiv. 344
 rubens, xiv. 344
 Eurysternus, xiv. 454
 of M. Dalman, xiv. 459
 Eurytoma, (*Illig.*) xv. 366
 Eusthenia spectabilis, xv. 348
 Euthycera, (*Lat.*) xv. 714
 Evæstheti, xiv. 305
 Evæsthetus, description of, xiv. 294
 Evæsthetus scaber, xiv. 294
 Evania, (*Fab.*) xv. 359
 Evaniales, xv. 359. 406
 Exophthalmus, (*Lat.*) xiv. 322
 Eyprepia, (*Ochs.*) xv. 611
 Feronia, description of, xiv. 212
 (*Leach.*) xv. 719
 Figites, (*Lat.*) xv. 364
 Figulus, xiv. 501
 Fiscipennes, xv. 628
 Forbicina, description of, xiv. 145
 Forficula Brasiliensis, xv. 184
 pylorus of, xv. 180
 Forficulæ, eyes of, xiv. 171
 Formica, xv. 434
 of Linnæus, xv. 371
 emarginata, xv. 464
 fuliginosa, xv. 444. 446
 Formica-leo, xv. 324
 proper, xv. 371
 quotation from Virgil, xiv. 34
 rufa, xv. 435. 464. 480
 rufa, acid of, xv. 489
 Formicæ rufæ, habitation of, xv. 436
 Formicariæ, larvæ of the, xv. 450
 Flata, (*Fab.*) xv. 224
 Flea, common, remarks upon the, xiv. 156
 penetrating, xiv. 156
 metamorphosis of the, xiv. 83
 without metamorphosis, xiv. 21
 Fleas, description of the, xiv. 154
 garden, xv. 153
 general remarks upon the, xiv. 165
 little carriage drawn by, xiv. 167
 parasitical insects, xiv. 166
 wonderful structure of, xiv. 168, 169
 Flesh-fly, deceived by smell, xiv. 103
 deposits its eggs in flowers, xiv. 43
 Flies, the, xv. 773
 nymphæ of, xiv. 22
 tarsi of, xiv. 65
 Fly-bug, xv. 243
 Fly, the domestic or common, xv. 767
 the, (hop) xv. 161
 Fœnus, xv. 359
 proper, (*Fab.*) xv. 360
 habits of, xv. 406
 Forficula, of Oliv. xv. 179
 (*Lin.*) xv. 171
 description of xv. 181
 auricularia, xv. 171. 181
 minor, xv. 171
 Forked-tails, what named, xv. 418

Fossores, xv. 373

- Fulgora lanternaria, xv. 258
 nigromaculata, xv. 260
 pallida, xv. 260
 punctata, xv. 259

Fulgoræ, description of the, xv. 258
 proper of Fab. xv. 223

Fulgorella, xv. 223

Fungicolæ, xv. 156

Fungivora, xv. 687

Gad-fly, the, xv. 763

Galba, (*Lat.*) xiv. 316

- Galerita, description of, xiv. 193
 (*Fab.*) description of, xiv. 199
 Africana, xiv. 193
 depressa, (*Fab.*) xiv. 199
 fasciolata, xiv. 191
 flejus, (*Fab.*) xiv. 199
 hirta, xiv. 191
 occidentalis, xiv. 193
 olens, xiv. 190
 Schupelii, (*Dej.*) xiv. 199

Galeruca, xv. 141

- Calmariensis, xv. 150
 nymphaeæ, xv. 150, 151
 tanacetii, xv. 150

Galerucitæ, xv. 140

- the leaping, xv. 141

Galerucæ, xv. 149

Galgulus, (*Latr.*) xv. 221Galleria, (*Fab.*) xv. 624

- alvearia, xv. 624
 cereana, xv. 563. 624

Gallicolæ, (*Lat.*) xv. 363. 419

Gallinsecta, xv. 228

Gall insects, xv. 274

Gardener, the, xiv. 234

Gastropacha, (*Ochsenheimer*) xv. 606

Geniates, xiv. 477

- barbatus, xiv. 478

Genuchus, xiv. 496

Geocorisæ, xv. 217

- food of, xv. 232
 the sheath of the sucker of, xv.
 230

Georissi, xiv. 423

Georissus, xiv. 410

- (*Lat.*) xiv. 412
 pygmæus, xiv. 412

Géomètres, what called, xv. 579

Geometricians, what called, xv. 637

Geomyza, of Fallen, xv. 713

Geophilus, of Dr. Leach, xiv. 135

- longicornis, xiv. 135
 maritimus, xiv. 135

Geotrupes, xiv. 507

- (*Fab.*) xiv. 466. 470. 475

Geotrupides, (*MacL.*) xiv. 460

Geotrupes arata, xiv. 466

- bicolor, xiv. 469
 boas, xiv. 469
 depressus, xiv. 471
 didymus, xiv. 471
 dispar, xiv. 463
 excavatus, xiv. 476
 Momus, xiv. 463
 Œgeon, xiv. 469
 orphnus, xiv. 469
 oryctes, xiv. 470
 phalangista, xiv. 463
 proper, (*Lat.*) xiv. 463
 rhinoceros, xiv. 469
 silenus, xiv. 469
 stentor, xiv. 469
 stercorarius, xiv. 259. 463
 valgus, xiv. 471
 vernalis, xiv. 464

Geotrupes, xiv. 462

Geron, xv. 693

Gerris, (*Lat.*) xv. 221

- description of, xv. 245
 lacustris, xv. 246
 laticauda, xiv. 248
 where found, xv. 232

Gibbium, (*Scop.*) xiv. 349Glaphyrus, (*Latr.*) xiv. 487Glaucopis, (*Fab.*) xv. 600

Globaria, xiv. 427

- Leachii, xiv. 428

Globicornis, (*Latr.*) xiv. 407Gloma, (*Meig.*) xv. 692Glomeris, description of, xiv. 129
 marginata, 130Glossata, (*Fab.*) xv. 577Glow-worm, phosphoric secretion of,
 xiv. 73

Gnathesia glabra, xiv. 545

Gnathium, (*Kirb.*) xv. 34

Gnathocera, xiv. 496

Gnats the, xv. 726

- food of, xv. 727
 gills of, xiv. 75
 instinct of, xiv. 67
 larvæ of, xv. 735
 moulting of larvæ of, xv. 736
 nymph of, xv. 737
 prolific nature of, xv. 734
 quotation from Spenser respect-
 ing, xv. 730
 where found, xv. 731

Gnoma, (*Dej.*) xv. 104

- of Fab. xv. 109
 ruficollis, xv. 104
 sanguinea, xv. 104
 suturalis, xv. 120

Gnovista, (*Meigen.*) xv. 687

- Goliath, (*Lam.*) xiv. 494
 what called, xiv. 529
 of Lamarck, where found, xiv. 93
- Goliathidæ, xiv. 492
- Gomphocerus, xv. 177
 Sibiricus, xv. 177
- Gonatopus, (*Klug.*) xv. 367
- Gonia, (*Meig.*) xv. 708
- Gonius, (*Jur.*) xv. 376
- Goniodes, peculiar to the Gallinacea, xiv. 153
- Goniopleura, xv. 149
 auricoma, xv. 149
- Gonopus, (*Lat.*) xiv. 554
- Gonypus, (*Lat.*) xv. 691
- Gorytes, (*Lat.*) xv. 378
- Graine d'écarterle, xv. 291
- Gramma, the, xv. 588
- Grandipalpi, description of, xiv. 230
- Graphipterus, description of the, xiv. 185
- Graphiptera, where found, xiv. 92, 93
 not found in Spain or Italy, xiv. 184
- Grass-hoppers, muscles of, xiv. 54
 what, xv. 202
 where found, xv. 203
- Grinding-insects, mouth of, xiv. 8
- Gryllo-talpæ, (*Lat.*) xv. 174
 description of, xv. 192
- Gryllo-talpa, digestive organ of, xv. 180
 resemblance of, xv. 196
 stomachs of, xv. 179
- Gryllus, xv. 192
 of Fabricius, xv. 202
 of Fabricius, habits of, xv. 204
 (*Geoff. & Oliv.*) xv. 174
 of Lin. xv. 173
 acheta, (*Fab.*) xv. 192
 acrida, xv. 176
 Ægyptius, xv. 177
 bulla, xv. 176
 bulla, (*Lin.*) xv. 177
 campestris, xv. 187, 196, 197
 campestris, description of, xv. 198
 cærulescens, xv. 177
 carinatus, xv. 176
 cristatus, xv. 214
 domesticus, xv. 197
 dux, xv. 214
 gallinaceus, xv. 176
 general name of, xv. 202
 lineola, xv. 177
 locusta, xv. 176
 locusta, of Linnaeus, xv. 202
 migratorius, 177, 214
 monster, xv. 175
- Gryllus monticollis, xv. 215
 pedester giornæ, xv. 177
 proper, xv. 176
 striaculus, xv. 177
 tataricus, xv. 177
 tetigonia, xv. 175
 umbraculatus, xv. 174
- Gymnetis, of Macleay, xiv. 495
- Gymnomyza, (*Fall.*) xv. 717
- Gymnomyzides, xv. 716
- Gymnopleurus, (*Illig.*) xiv. 453
- Gymnosomia, (*Meig.*) xv. 708
- Gypona, of M. Germal, xv. 226
- Gyrini, general description of, xiv. 285
 eyes of, xiv. 45
 size and habits of, xiv. 251
- Gyrinus, description of, xiv. 243, 250
 bicolor, xiv. 253
 minutus, xiv. 253
 natator, xiv. 252
 politus, xiv. 253
- Gyropi, female, xiv. 153
- Gyropus, food of the, xiv. 152
- Hæmatopota, (*Meig.*) xv. 697
- Halictus, (*Lat.*) xv. 382
- Haliplus, description of, xiv. 250
- Hallomeni, tarsi of, xv. 23
- Hallomenus, (*Payk.*) xv. 17
- Haltica, (*Geoff.*) xv. 141
- Hamaticerus, xv. 104
- Hamaxobium, xv. 328
- Hammonius, (*Mühf.*) xiv. 322
- Hammonie, (*Cuv.*) xiv. 324
- Haplides, xiv. 484
- Harpali, conical appendages of the, xiv. 174
- Harpalus of M. Bonelli, xiv. 208
 analis, xiv. 209
 anthracinus, xiv. 214
 aterrimus, xiv. 214
 binotatus, xiv. 209
 caliginosus, xiv. 209
 circumfusus, xiv. 212
 description of, xiv. 209
 flavilabris, xiv. 209
 collaris, xiv. 242
 heros, xiv. 209
 livens, xiv. 223
 luridipennis, xiv. 212
 megacephalus, xiv. 208
 nigrita, xiv. 214
 prasinus, xiv. 267
 ruficornis, xiv. 209
 saponarius, xiv. 210
 tardus, xiv. 209
 viduus, xiv. 223
- Harpers, what called, xv. 255

Harpyia, (*Ochs.*) xv. 612
 Hedobia, xiv. 349
 Hedychrum, xv. 370
 Hegeter, (*Lat.*) xiv. 545
 Heleomyza, (*Fall.*) xv. 714
 Helcon, (*Nees d' Es.*) xv. 363
 Helicani, xv. 583
 Heliconia Cyrene, xv. 674
 Heliconius, (*Latr.*) xv. 586
 Helicorni, xv. 583
 Heliophili, xiv. 557
 Heliophilus, of Dejean, xiv. 557
 Helix nemoralis, xiv. 336
 Helluo, of Bonelli, xiv. 271
 of Brazil, xiv. 191
 costatus, xiv. 191
 description of the, xiv. 191
 pleuracanthus, xiv. 272
 sulcipennis, xiv. 272
 where found, xiv. 94
 Helodes, (*Fab.*) xv. 140
 Helœus, (*Lat.*) xv. 6
 Brownii, xv. 6
 where found, xv. 9
 Helophilus, (*Meig.*) xv. 702
 Helophoridae, (*Leach*) xiv. 425
 Helopii, xv. 11
 Helops, xv. 10. 21
 (*Fab.*) xv. 12, 13, 14. 19
 aterrimus, xv. 22
 glaber, xiv. 559
 Helorus, (*Latr.*) xv. 368
 Helwigia, xv. 361
 Hemelytra, what so called, xiv. 17
 Hemerobia, eyes of, xiv. 45
 flight of, xv. 331
 larvæ of, xv. 270
 Hemerobiæ, eggs of, xiv. 79
 metamorphosis of, xiv. 81. 83
 Hemerobini, xv. 298
 Hemerobius, (*Lin.*) xv. 299. 300
 longicornis, xv. 331
 maculatus, xv. 299
 larvæ of the, xv. 324
 pulsatorius, xiv. 381
 fulvicephalus, xv. 299
 why named, xv. 328
 Hemerodromia, (*Hoff.*) xv. 692
 Hemipeplus, xv. 27
 Hemiptera, the, xv. 216
 corslet of, xiv. 12
 description, of, xiv. 27
 eyes of, xiv. 45
 hearing of, xiv. 56
 metamorphosis of, xiv. 81, 82
 neuters among, xiv. 78
 organ of suction of, xiv. 40
 second family of, xv. 221
 supplement on the, xv. 229

Hemiptera, why named, xv. 229
 Hemirhipus, (*Lat.*) xiv. 320
 Henaps, (*Illig.*) xv. 692
 Hepiales asellus, xv. 610
 bufo, xv. 610
 testudo, xv. 610
 Hepialites, xv. 601. 603
 Hepialus, (*Fab.*) xv. 603
 humuli, xv. 603
 Hepiolus, xv. 603
 Hercules, (ant so called,) xv. 446
 Heriades, (*Spin.*) xv. 384
 Hermes, sub-genus of, xv. 332
 Hermetia, (*Lat.*) xv. 699
 Hermina, (*Lat.*) xv. 620
 Hesperia, (*Fab.*) xv. 593
 malvæ, xv. 593
 rurales, (*Fab.*) xv. 582
 Hesperies, (*Lin.*) xv. 591
 Hesperis sphinges, xv. 595
 Heteroceri, xiv. 423
 Heterogyna, xv. 370. 434
 Heterocerus, xiv. 409
 lævigatus, xiv. 410
 marginatus, xiv. 410
 Heteromera, xiv. 538
 Heteroptera, xv. 217
 Heteroscelis, xv. 217
 (*Lat.*) xiv. 554
 Heterotoma, xv. 219
 Heterotarsus, (*Lat.*) xiv. 563
 Hexaphyllum, xiv. 536
 Brasiliensis, xiv. 536
 Hexapode insects, stigmata of, xiv. 3
 Hexapodes, majority of insects, xiv. 4
 Hexapod insects, segments of abdomen
 of, xiv. 9
 insects, thorax of, xiv. 10. 11
 Hexatoma, (*Lat.*) xv. 686
 (*Meig.*) xv. 698
 Hexodon, (*Oliv.*) xiv. 472
 what have relations with, xiv.
 515
 Hexogonia, (*Kirby*) where to be placed,
 xiv. 197
 Hilara, xv. 691
 Hippobosca, (*Lin.*) xv. 719
 equina, xv. 719
 ovina, xv. 719
 Hippobosci, the, xv. 775
 bite of the, xv. 777
 Hippoboscus, generation of the, xv. 776
 nearly full-grown at their birth,
 xiv. 33
 ovoviparous, xiv. 77
 Hirmoneura, xv. 694
 Hispa, xv. 143
 (*Lin.*) xv. 135
 atra, xv. 136

- Hispa mutica*, xiv. 560
 mystacina, xiv. 327
 proper, xv. 136
 spinipes, xv. 136
Hister, xiv. 386. 388. 413; xv. 66
 (Fab.) xiv. 391
 cadaverinus, xiv. 414
 flavicornis, xiv. 389
 glabratus, xiv. 391
 globosus, xiv. 390
 hispidus, xiv. 390
 minutus, xiv. 390
 oblongus, xiv. 389
 picipes, xiv. 389
 proboscideus, xiv. 389
 proper, xiv. 388
 punctatus, xiv. 389
 sinuatus, xiv. 387
 striatus, xiv. 390
 sulcatus, xiv. 390
 unicolor, xiv. 389
Histeroides, xiv. 386
Hithya, *(Fab.)* xv. 626
Hæmonia, *(Meg.)* xv. 123
Holhymenia, *(Lepel & Serv.)* xv. 218
Hololepta, xiv. 388
Holoptilus, *(Lep. & Serv.)* xv. 220
Homalura, *(Meig.)* xv. 717
Homoptera, bite of, xv. 222
Homotenes, what so called, xiv. 7
Hoplia, *(Illig.)* xiv. 485
 formosa, xiv. 485
Hoplides, xiv. 528
Hoplæ, by whom named, xiv. 528
Hoplitis, description of, xiv. 250
Horia, xv. 38
 (Fab.) xv. 31
 cantharis, xv. 38
Horiales, xv. 30
Hornet, the, xv. 517
Humble-bees, xv. 567
 dwellings of, xiv. 119
 insect on, xv. 42
 metamorphosis of, xiv. 118
 society of, xiv. 114
Hyblæa, *(Fab.)* xv. 620
Hyboma, xiv. 454
Hybos, *(Meig.)* xv. 691
Hybosorus, *(Mach.)* xiv. 466
Hybotini, xv. 691
Hycleus, *(Lat.)* xv. 32
Hydaticus, xiv. 247; xv. 62
 marmoratus, xiv. 284
Hydera, xiv. 410
Hydrachna, description of, xiv. 248
 gibba, xiv. 249
 Hermanni, xiv. 248
 ovalis, xiv. 249
 scripta, xiv. 249
Hydrachna uliginosa, xiv. 248
Hydræna, *(Illig.)* xiv. 426
 (Kugel) xiv. 426
 longipalpis, xiv. 426
 margipallens, xiv. 426
 riparia, xiv. 426
Hydrobius, xiv. 431
 griseus, xiv. 431
 luridus, xiv. 431
 melanocephalus, xiv. 431
 scarabæoides, xiv. 431
 truncatellus, xiv. 431
Hydrocampe, *(Lat.)* xv. 623
Hydrocanthari, xiv. 433
 description of, xiv. 243
Hydrochus, *(Germ.)* xiv. 426
Hydrocorisæ, the, xv. 221. 248
Hydrometra, the, xv. 244
 of Fabr. xv. 221
 habits of, xv. 245
 where found, xv. 232
Hydromyzides, xv. 711
Hydrophili, xiv. 433
 extraordinary change in food of,
 xiv. 66
 manner of laying its eggs, xiv. 435
 larvæ of, xiv. 443
Hydrophilus, *(D. G.)* xiv. 426
 of Geoffroy, xiv. 424
 ater, xiv. 430
 brown, prey of dytiscus, xiv. 247
 caraboides, xiv. 434
 olivaceus, xiv. 430
 piceus, xiv. 429. 434
 properly so called, xiv. 429
 proper, of Dr. Leach, xiv. 430
 rufipes, xiv. 430
Hydroporus, description of, xiv. 249
Hydroptila, of Mr. Dalman, xv. 302
Hydroüs, of Dr. Leach, xiv. 429
Hygrobia, description of, xiv. 248
Hylecoetus, *(Lat.)* xiv. 353
 dermestoides, xiv. 353
Hylesinus, *(Fab.)* xv. 82
Holobius, xv. 59
Hylæus, *(Fab.)* xv. 381
 proper, *(Lat. & Fab.)* xv. 382
Hylotoma, *(Lat.)* xv. 356
 enodis, larvæ of, xv. 403
 rosæ, xv. 402
Hylotomæ, larvæ of, xv. 402
Hylurgus, *(Lat.)* xv. 82
Hymenoptera, xv. 353
 aculeata, xv. 379
 description of, xiv. 27
 eyes of, xiv. 45
 food of, xiv. 67; xv. 395
 masticating insects, xiv. 40
 metamorphosis of, xiv. 82

- Hymenoptera, metathorax of, xiv. 11
 neuters among, xiv. 77
 nymphæ of, xiv. 21
 peculiar characters of, xv. 391
 regions of the back of, xiv. 51
 shield of, xiv. 17
 stigmata of the thorax of, xiv. 12
 sting of females of, xiv. 18
 supplementary segments of, xiv. 3
 supplement on the, xv. 389
 tegula of, xv. 578
 wings of the, xiv. 15
- Hypantus, xv. 58
- Hypera, (*Germ.*) xv. 59
- Hyphydrus, description of, xiv. 249
 lyratus, xiv. 249
- Hypocera, xv. 717
- Hypophlæus, xv. 8
 (*Fab.*) xiv. 561; xv. 4
 boros, xiv. 561
- Hypulus, (*Payk.*) xv. 18
- Ibalia, (*Latr.*) xv. 361
- Ichneumon, xv. 407
 de Laponie, xv. 404
 (*Lin.*) xv. 360
 aphidum, xv. 418
 organs of touch of, xiv. 64
 fly, xv. 429
 habits of the female, xv. 410
 luteolus, xv. 418
 proper, xv. 362
 rufus, larvæ of, xv. 417
 utility of the, xv. 408
- Ichneumonidæ, larvæ of, xv. 407
- Ichneumonides, the, xv. 360-406
 larvæ of, xv. 581
- Ichneumons, eggs of, xv. 415
 galls of, xv. 421
- Idea, (*Fab.*) xv. 586
 (*Meig.*) xv. 710
- Imatidium, xv. 136
- Incendula, what called, xiv. 366
- Insects, brief description of, xiv. 38
- Ips, of Degeer, xv. 82. 89
 (*Fab.*) xiv. 400
 (*Oliv.*) xiv. 402; xv. 4. 84
 with what classed, xv. 8
 with what confounded, xiv. 420
- Irenæus, (*Leach*) description of, xiv. 296
- Isocerus, (*Deg.*) xiv. 557
- Issus, (*Fab.*) xv. 224
- Iuli, description of, xiv. 129
 feet of, xiv. 139
 long growth of the, xiv. 126
 metamorphosis of, xiv. 82
- Iuli, parts of generation of, xiv. 18
 proper, description of, xiv. 130
 stigmata of the, xiv. 125
- Iulus araneoides, xiv. 134
 copulation of the, xiv. 128
 complanatus, xiv. 131
 depressus, xiv. 131
 fasciatus, xiv. 130
 Indus, xiv. 130
 maximus, xiv. 130. 140
 ovalis, xiv. 130
 sabulosus, xiv. 130
 slight notice of the genus, xiv. 137
 stigma, xiv. 131
 terrestris, xiv. 130
 food of the, xiv. 140
 tridentatus, xiv. 131
 with pencilled tail, xiv. 131
- Jalodis, xiv. 357
- Jarpeada, (cochineals) xv. 280
- Jassus, (*Fab.*) xv. 226
- Joppa, (*Fab.*) xv. 362
- Kakerlacs, what called, xiv. 486
- Kermes, (*Geoff.*) xv. 274
 habits of the, xv. 286
 harvest of, xv. 290
 three different states of, xv. 289
 ulmi, xv. 293
 the young, xv. 288
- Labidus, (*Jur.*) xv. 372
- Labourers, what called, xv. 333. 340
- Lacophilus, (*Leach.*) xiv. 248
- Lady-birds, xv. 160
- Lady-cow, xv. 161
- Lædie, (*Cuv.*) xiv. 320
- Læna, (*Meg.*) xv. 14
- Læmostheus, (*Bon.*) description of, xiv. 220, 221
- Lagria, xv. 35
 (*Fab.*) xv. 27
 hirta, xv. 35
 metallonotus, xv. 35
- Lagriariæ, xv. 26
- Lamellicornes, xiv. 446
- Lamia, xv. 97. 106
 (*Fab.*) xv. 108
 ædilis, xv. 108
 curculionoides, xv. 109
 funesta, xv. 109
 lugubris, xv. 109
 nebulosa, xv. 109
 tristis, xv. 109

- Lamia, where placed, xv. 118
 Lamia, of Fab, xv. 109
 where found, xiv. 88
 Lamiaria, xv. 107
 Lamprias, description of, xiv. 196
 Lamprima, (*Latr.*) xiv. 498
 Humboldt, xiv. 499
 (*Schoen.*) xiv. 499
 Lampyri, hepatic vessels of, xiv. 308
 Lampiris, (*Lin.*) xv. 27
 Lamprosoma, (*Kirb.*) xv. 138
 Lampyras ruficeps, xv. 272
 Lampyris, (*Lin.*) xiv. 329
 Italica, xiv. 332
 Italica, experiments upon, xiv. 368
 noctiluca, xiv. 334
 plumicornis, xv. 333
 proper, xiv. 334
 sanguinea, xiv. 330
 splendula, xiv. 333, 334
 what called, xiv. 366
 Languria, (*Lat.*) xv. 155
 Laphria, (*Meig.*) xv. 690
 Larra, (*Jur.*) xv. 376
 Larrates, (*Cuv.*) xv. 376
 Lasiocampa, xv. 606
 Lasioptera, (*Meig.*) xv. 686
 Lasius, (*Wied.*) xv. 693
 Latridius, (*Deg.*) xv. 123
 (*Herbs.*) xv. 87
 Lathrobia, xiv. 304
 Lathrobium, description of, xiv. 292
 elongatum, xiv. 293
 Lauscania, (*Lat.*) xv. 717
 Leapers, the, xv. 135, 173
 Lebia, description of, xiv. 196
 dorsalis, xiv. 272
 Ledra, xv. 224, 226
 Legionaries, (neuters of red ants,) xiv. 120
 Leias, (*Meig.*) xv. 688
 Leiodes, (*Latr.*) xv. 4
 Leioides, xiv. 445
 Leistus, description of, xiv. 236
 caeruleus, xiv. 237
 rufescens, xiv. 237
 Lema, of Fab, xv. 123
 Lepidoptera, xv. 577
 antennæ of the nocturnal, xv. 721
 anterior stigmata of, xiv. 12
 description of, xiv. 27
 the diurnal, xv. 582
 diurnal, eyes of, xiv. 45
 food of, xiv. 67
 food of caterpillars of, xiv. 66
 holes near the eyes of, xiv. 5
 instinct of, xiv. 67
 Lepidoptera, larvæ of, xv. 578
 metamorphosis of, xiv. 83
 mouth of, xiv. 40
 nymphæ of, xiv. 21
 pterygodes of, xiv. 28
 regions of the back of, xiv. 51
 size of, xiv. 96
 supplement on the, xv. 630
 thorax of, xiv. 11
 where found, xiv. 93, 95
 Lepisia, (*Lepel & Serv.*) xiv. 484
 Lepisma, description of the, xiv. 143, 145
 Forbicini, xiv. 145
 polypoda, xiv. 145
 saccharina, xiv. 145
 sugar, xiv. 145
 thezeana, xiv. 145
 vittata, xiv. 145
 Lepisme, banded, xiv. 145
 Forbicine cylindrique, xiv. 145
 Lepismenæ, description of the, xiv. 143
 Lepitrix, (*Lep. & Serv.*) xiv. 489
 Leptides, the, xv. 754
 wings of, xv. 694
 Leptis, (*Fab.*) xv. 695
 scolopacea, xv. 754
 vermileo, xv. 754
 Leptocera, (*Dej.*) xv. 107
 Leptocerus, xv. 57
 Leptochire, (*Germs.*) description of, xiv. 296
 Leptochirus scoriaceus, xiv. 296
 Leptocoris, (*Lat.*) xv. 219
 Leptopodites, xv. 715
 Leptopus, (*Latr.*) xv. 220
 Leptosomus, xv. 57
 Leptotrachelus, description of the, xiv. 189
 Leptura, xv. 106
 (*Dej.*) xv. 112
 (*Fab.*) xv. 20
 (*Kirb.*) xv. 112
 (*Lin.*) xv. 111, 123
 armata, xv. 112
 arcuata, xv. 105
 calcarata, xv. 112
 tomentosa, xv. 112
 Lepturæ, where found, xv. 120
 Lepturetæ, xv. 110
 Lesteva, description of, xiv. 297
 Lethri, xiv. 507
 Lethrus, (*Scop.*) xiv. 462
 æneus, xiv. 499
 cephalotes, xiv. 462, 507
 Leucospis, (*Fab.*) xv. 365
 Leucothyreus, (*Macq.*) xiv. 477
 Lexocera, (*Lat.*) xv. 713
 Lexoceres, xv. 712

- Libellula, (*Lin.*) xv. 295
 depressa, xv. 311
 Libellulæ, episternum of, xiv. 51
 food of the, xv. 304
 growth of, xv. 305
 metamorphosis of, xiv. 81
 nymphs of, xv. 306
 parts of generation of, xiv. 18
 proper, xv. 296
 respiration of, xiv. 74
 stigma of the metathorax of,
 xiv. 3
 stigmata of, xiv. 4; xv. 309
 Libellulinæ, instinct of, xiv. 67
 Libythea, (*Fab.*) xv. 589
 Lice, bird, xiv. 164
 description of the, xiv. 148
 general observations upon, xiv.
 157
 proper, description of the, xiv.
 149
 Licinæ, conical appendages of the, xiv.
 174
 Licini, where found, xiv. 88
 Licinus, description of, xiv. 226
 Lierman, what called, xv. 255
 Ligniperdæ, what called, xv. 348
 Limacodes, (*Lat.*) xv. 610
 Limnebius, of Dr. Leach, xiv. 431
 Limnobia, xv. 686
 Limnichus, xiv. 404
 (*Zieg. Dej.*) xiv. 405
 Limnius, (*Illig.*) xiv. 411
 Limulæ, heart of, xiv. 2
 Lion of the Aphides, what called, xv.
 324. 329
 Lions des pucerons, xv. 329
 Lion-worm, xv. 755
 Liothea, female, xiv. 153
 tarsi of the, xiv. 152
 Liparis, xv. 609
 Liparus, xv. 59. 69
 Lipotena, (*Nitz.*) xv. 719
 Lipsa, (*Lat.*) xv. 710
 Liris, (*Fab.*) xv. 376
 Lissa, (*Meig.*) xv. 713
 Lissodes, (*Lat.*) xiv. 317
 Lissomus, (*Dalm.*) xiv. 317
 punctulatus, xiv. 317
 Lithobius, description of, xiv. 134
 the forked, xiv. 134
 variegatus lævilabrum, xiv. 134
 Lithophilus, (*Fröhl.*) xv. 158
 Lithosia, (*Fab.*) xv. 612
 Lithurgus, xv. 384
 Livia, (*Latr.*) xv. 266
 Lixus, xv. 69
 (*Fab.*) xv. 59. 63
 odontalgicus, xv. 72
 Lixus paraplecticus, xv. 70
 rhynchænus, xv. 59
 Lobæderus, xiv. 364
 moniliformis, xiv. 365
 Locust, application of the name of, xv.
 202
 migratory, xv. 214
 Locusta, of Geoffroy, what, xv. 175. 202
 cæcums of, xv. 180
 dux, xiv. 258
 ephippiger, xv. 175
 migratoria, xv. 207
 tatarica, xv. 207. 214
 verrucivora, xv. 175
 viridissima, xv. 175
 Locustæ, stomachs of, xv. 179
 Locusts, destruction of, xv. 213
 difference between nymph and
 larva of, xiv. 21
 fecundity of, xv. 212
 flight of, xv. 209
 fondness for drink, xiv. 70
 habits of the true, xv. 204
 metamorphosis of, xiv. 81
 migratory, xv. 176
 proper, what, xv. 202
 record of ravages of, xv. 206
 sound produced by, xiv. 76
 the true, xv. 202
 Lomechusa, description of, xiv. 299
 dentata, xiv. 299
 paradoxa, xiv. 299
 Lonchæa, (*Fall.*) xv. 717
 Lonchophorus, (*Germ.*) xiv. 456
 Lonchoptera, (*Meig.*) xv. 714
 Longicornes, xv. 97
 Longilabres, xv. 217
 Longipalpi, xiv. 293
 Longirotres, xv. 69
 Longitarsus, (*Lat.*) xv. 142
 Long-legs, what called, xv. 738
 Lophonocerus, (*Lat.*) xv. 102
 Lophosia, (*Meig.*) xv. 708
 Lophyrus, (*Latr.*) xv. 357
 Loricera, description of, xiv. 228
 ænea, xiv. 229
 Louse of the Buffalo, xiv. 150
 crab, xiv. 150
 the human body, xiv. 149
 the human head, xiv. 149
 of the pubis, xiv. 150
 of the stag, xiv. 150
 Lucane chèvre, xiv. 501
 chevreuil, xiv. 501
 Lucani, metamorphosis of the, xiv. 532
 what called by Pliny, xiv. 530
 description of the, xiv. 532
 Lucanidæ, xiv. 496
 Lucanus, xiv. 497

- Lucanus caraboïdes, xiv. 501
 cervus, xiv. 500. 531
 female of, xiv. 533
 nebulosus, xiv. 499
 parallelipedus, xiv. 501. 533
 (proper) (*Lin.*) xiv. 500
 Lucernuta, what called, xiv. 366
 Lucifuga, what named, xv. 184
 Lucifugous insects, wanting the choroid,
 xiv. 8
 Lucio, what named, xiv. 366
 Lucciola, xiv. 335
 what called, xiv. 366
 Luperus, (*Geoff.*) xv. 141
 Lycoperdina, (*Fab.*) xv. 157
 Lyctus, (*Fab.*) xv. 85, 86
 Lytta, (*Fab.*) xv. 32, 33
 (*Klüg.*) xv. 33
 Lycus, (*Fab.*) xiv. 330; xv. 36
 aurora, xiv. 331
 bicolor, xiv. 331
 fasciatus, xiv. 331
 hepatic vessels of, xiv. 308
 latissimus, xiv. 330
 minutus, xiv. 86. 331
 proboscideus, xiv. 330
 rostratus, xiv. 330
 reticulatus, xiv. 331
 serraticornis, xiv. 331
 Lyda, (*Fab.*) xv. 357
 Lygæi, the, xv. 242
 some without wings, xv. 230
 Lygæus, (*Fab.*) xv. 219
 apterus, xv. 242
 grandis, xv. 242
 what referred to, xv. 218
 Lymexylon, (*Fab.*) xiv. 352, 353
 abbreviatum, xiv. 353
 dermestoides, xiv. 353
 flabelllicorne, xiv. 354
 flavipes, xiv. 353
 larvæ of, xiv. 382
 morio, xiv. 353
 navalis, xiv. 353
 proboscideum, xiv. 353, 354
 proper, (*Fab.*) xiv. 353
 Lyrops, (*Illig.*) xv. 376
 Lystra, xv. 223
 pulchra, xv. 260
 Lystronichus, (*Lat.*) xv. 15

 Macellarius, xiv. 405
 Machilis, description of, xiv. 144
 Machla, (*Herbs.*) xiv. 555
 Macraspis, (*Maccl.*) xiv. 473
 Macrocephalus, of Olivier, xv. 65, 66
 Macrocera, (*Meig.*) xv. 687
 Macrochira, (*Meig.*) xv. 711

 Macroductyla, xiv. 410
 Macroductylus, (*Lat.*) xiv. 483
 Macrogastr abbreviatus, xiv. 353
 Macroglossum, xv. 597
 Macronota of Weidmann, xiv. 496
 Macronychus, (*Müll.*) xiv. 412
 quadrituberculatus, xiv. 412.
 Macrorynus, (*Schoe.*) xv. 57
 Mæchidius, xiv. 467
 Macropeza, (*Meig.*) xv. 686
 Macropus, (*Thunb.*) xv. 108
 Mækistocera, (*Wiedmann*) xv. 686
 Maggots, what vulgarly called, xv. 770
 Malachi, description of the, xiv. 373
 Malachius, (*Fab.*) xiv. 340
 Malacoderme, xiv. 322
 Malacodermi, xiv. 309
 Mallophagi, what are called, xiv. 152
 Mallota, (*Meig.*) xv. 702
 Malthinus, (*Lat.*) xiv. 339
 Manticora, description of the, xiv. 176
 236
 maxillosa, xiv. 176
 pallida, xiv. 176
 Mantes, xv. 192
 (*Fab.*) xv. 300
 causta, xv. 190
 religiosa, xv. 172
 siccifolia, xv. 173
 whence named, xv. 187
 viatoria, xv. 189
 Mantispæ, (*Illig.*) xv. 300
 Mars, xv. 589
 Masarides, (*Lat.*) xv. 379
 Masaris, (*Fab.*) xv. 379
 Masomelas, xiv. 322
 Mason-ants, proceedings of the, xv.
 443
 Mason-bees, xiv. 346
 Masons, what and why called, xv. 438
 Mastigocerus, (*Klüg.*) xv. 357
 Mastigus, xiv. 413
 (*Hoff.*) xiv. 385
 palpalis, xiv. 385
 May-bug, larva of, xiv. 447
 May-bugs, elytra of, xiv. 17
 May-worms, xv. 39
 Meal-worm, the, xiv. 562
 Meat-fly, blue, ovoviparous, xiv. 77
 frequents the snake-root and
 taphelia, xiv. 60
 Mechanitis, (*Fab.*) xv. 586
 Medeterus, (*Fisc.*) xv. 696
 Megacephala, description of the, xiv.
 177
 Carolina, xiv. 263
 Euphratica, xiv. 177
 Mexicana, xiv. 263
 size of the, xiv. 181

- Megacephali, xv. 696
 Megacephalus, xv. 175
 Megachile, (*Lat.*) xv. 384. 571
 apiaria, xiv. 375
 muraria, xiv. 374
 Megaderus, (*Dej.*) xv. 102
 Megagnathus, (*Mej.*) xv. 88
 Megalodentes, (*Latr.*) xv. 357
 Megalophthalmus, xiv. 371
 Megalopus, (*Fab.*) xv. 122
 Megarhinus, the genus, xv. 684
 Megascelis, (*Dej.*) xv. 124
 Megatoma, (*Herbs.*) xiv. 404
 (*Lat.*) xiv. 405
 rufitarsis, xiv. 407
 serra, xiv. 406
 Megilla, (*Fab.*) xv. 383
 muraria, xv. 526
 Melanarius, xiv. 214
 Melandrya, (*Fab.*) xv. 17
 arrangement of, xv. 22
 Melandryæ, xv. 24
 Melanitis, (*Fab.*) xv. 589
 Melanophila, xiv. 358
 Melanophora, (*Meig.*) xv. 709
 Melasis, xiv. 313. 359
 buprestoides, xiv. 313. 359
 elateroides, xiv. 313
 flabellicornis, xiv. 359
 picoa, xiv. 318
 sphondyloides, xiv. 318
 tuberculata, xiv. 316
 Melasoma, xiv. 539. 558
 supplement of, xiv. 564
 Melipona, xv. 388
 Melecta, (*Lat.*) xv. 386
 Melissodes, xv. 386
 Melitæa, (*Fab.*) xv. 587
 Melites, of Kirby, xv. 381
 Melitophili, xiv. 490
 Mellinus, xv. 378
 oxybelus, xv. 378
 Melliturga, (*Latr.*) xv. 387
 Meloë, xv. 38, 39
 of Lin. xiv. 353; xv. 31, 32, 33
 Marci, xiv. 353
 cantharides distinct from, xv.
 46
 used for the cantharides, xv. 48
 peculiar formation of, xiv. 255
 properly so called, (*Lin.*) xv. 33
 proscarabæus, xiv. 153; xv. 43
 scarabæus, xv. 41
 Melolontha, xiv. 464. 471
 of Fab. xiv. 472. 474, 475. 489
 (*Geoff.*) xv. 137
 (*Illig.*) xiv. 488
 (*Oliv.*) xiv. 488
 abdominalis, xiv. 341
 Melolontha æquinoctialis, xiv. 481
 Alpina, xiv. 488
 atra, xiv. 481
 atriplicis, xiv. 476
 Ankæteri, xiv. 481
 aurata, xiv. 484
 barbata, xiv. 472
 bicolor errans, xiv. 484
 bivulnerata, xiv. 482
 brunnea, xiv. 482
 castanea, xiv. 472
 chrysochlora, xiv. 515
 farinosa, xiv. 485
 ferruginea, xiv. 472
 fervida, xiv. 481
 Frischii, xiv. 484
 germinata, xiv. 472
 hippocastani, xiv. 480
 hololeuca, xiv. 481
 holosericea, xiv. 484
 Julii, xiv. 484
 chrysomelina, xiv. 464
 colaspidoidea, xiv. 483
 cornuta, xiv. 476
 crysochlora, xiv. 473
 cyanocephala, xiv. 484
 lanata, xiv. 478
 marginata, xiv. 484
 melanocephala, xiv. 472
 nigrifrons, xiv. 478
 obscura, xiv. 478
 Occidentalis, xiv. 481
 pallens, xiv. 472
 pilosa, xiv. 481
 pini, xiv. 481
 (*Fab.*) properly so called, xiv.
 479
 ruricola, 482
 ruficornis, xiv. 481
 signata, xiv. 472
 serrata, xiv. 481
 solstitialis, xiv. 481
 subspinosa, xiv. 483
 sulcicollis, xiv. 477
 variabilis, xiv. 482
 variegata, xiv. 482
 villosa, xiv. 480
 viridis, xiv. 484
 vitis, xiv. 484. 518
 vulgaris, xiv. 259. 519
 Melolonthæ, xiv. 517
 food of, xiv. 68
 Melophagus, xiv. 150
 (*Nitz.*) xv. 719
 Melophila, (*Nitz.*) xv. 719
 Melyrides, hepatic vessels of, xiv. 308
 where found, xiv. 373
 Melyris, (*Fab.*) xiv. 339. 341
 viridis, xiv. 341

- Membracis of Fabricius, xv. 224
 proper, (*Fab.*) xv. 225
 wings of, xv. 230
 Menelaus papilio, where found, xiv. 95
 Mergamerus, xv. 126
 Kingii, xv. 126
 Meria, (*Illig.*) xv. 374
 Merodon, (*Meig.*) xv. 704
 Meryx, (*Lat.*) xv. 87
 Mesembrina, (*Meig.*) xv. 709
 Mesosa, of Meg. xv. 109
 Methoca, of Lat. xv. 373
 Metopius, (*Panz.*) xv. 362
 Microcephala, fifth section of, xiv. 298
 Microcephalus, description of, xiv. 227
 Microdon, (*Meig.*) xv. 704
 englossoides, xv. 779
 Microgaster, (*Lat.*) xv. 363
 Micropeplus, description of, xiv. 297
 porcatus, xiv. 297
 Micropeza, (*Meig.*) xv. 715
 Microptera, description of, xiv. 288
 Midas, where found, xiv. 92
 Milesia, (*Lat.*) xv. 704, 705
 Millipedes, approximate to many crus-
 tacea, xiv. 7
 description of, xiv. 124
 mouth of, xiv. 10
 Miltogramma, (*Meig.*) xv. 703
 Mimela of Mr. Kirby, xiv. 484
 Miopa nigripennis, xv. 779
 Miris, (*Fab.*) xv. 219
 Misocampe, (*Lat.*) xv. 366
 Miscophus, (*Jur.*) xv. 377
 Misolampus, (*Lat.*) xiv. 552
 Mites, diseases produced by, xiv. 161
 found on insects, xv. 44
 Mitosata, description of, xiv. 124
 Moine, what called, xiv. 509
 Mole-crickets, xv. 192
 whence named, xv. 193
 Molobrus, xv. 688
 Molops Corinthius, xiv. 214
 elatus, xiv. 216
 striolatus, xiv. 215
 terricola, xiv. 216
 Mollusca, remarks upon, xiv. 37
 Molorchus of Fab. xv. 106
 peculiar formation of, xiv. 255
 Moluris, (*Lat.*) xiv. 551
 Monachamnus, of Dej. xv. 109
 Monedula, (*Lat.*) xv. 376
 Monk, what called, xiv. 509
 Monocheles, (*Illig.*) xiv. 486
 Monomera, xv. 168
 Monophleba of Dr. Leach, xv. 228
 Monotoma, xv. 84
 (*Herbst.*) xv. 85
 Mordella, xv. 28. 36
 Mordella (*Lin.*) xv. 29
 Mordellonæ, xv. 28. 36
 Morio, description of, xiv. 205
 Brasiliensis, xiv. 205
 monilicornis, xiv. 205
 Orientalis, xiv. 205
 Mormolyce, description of, xiv. 220
 phyllodes, xiv. 120
 Morphi, xv. 583
 Morpho, (*Fab.*) xv. 590
 Morpion, xiv. 150
 Mosillus, (*Lat.*) xv. 717
 Mosquito, manners of the, xv. 751
 Mosquitos, xv. 733
 Moths, food of, xiv. 69
 proper, habits of, xv. 679
 Mouches à scie, xv. 397
 à corslet armé, xv. 758
 papilionacées, xv. 348
 scorpions, xv. 323
 Mulio, (*Fab.*) xv. 703, 704
 (*Meig.*) xv. 694
 Murmidius, (*Leach*) xiv. 408
 Musca, xv. 707
 (*Deg.*) xv. 710
 (*Fab.*) xv. 705
 of Linnæus, xv. 694. 701.
 711. 713. 757
 (*Panz.*) xv. 712
 Cæsar, xv. 709
 cardui, xv. 716
 carnaria, xv. 709. 766
 cellaria, xv. 711
 cerasi, xv. 716
 cynipsea, xv. 715
 cynophila, xv. 712
 domestica, xv. 709
 filiformis, xv. 715
 fungorum, xv. 711
 grossa, xv. 707
 pluvialis, xv. 711
 proper, xv. 773
 proper, (*Lin.*) xv. 709
 pyrastræ, xv. 761
 stercoraria, xv. 713
 tripilis, what called, xv. 407. 410
 vanitoria, xv. 709
 vibrans, xv. 716
 Muscæ vibrantes, what named, xv.
 407
 Muscides, the, xv. 707. 767
 the larvæ of the, xv. 768
 Mutilla, (*Lat.*) xv. 372
 of Linnæus, xv. 372
 (female) without metamorphosis,
 xiv. 21
 Klugii, xv. 516
 (proper), xv. 372
 Myas, description of, xiv. 217

Myas chalybæus, xiv. 217
Mycetobia, (*Meig.*) xv. 688
Mycetochares, (*Lat.*) xv. 16
Mycetophagus, (*Fab.*) xiv. 397; xv. 17.
 86
 (*Gyll.*) xv. 87
 castaneus, xiv. 397
 proper, (*Fab.*) xv. 87
 spinipes, xiv. 397
Mycetophila, (*Gyll.*) xv. 16
 (*Meig.*) xv. 688
Mycterus, xv. 20
 (*Clairv.*) xv. 20
Mydas, proper, (*Fab.*) xv. 698
 stylet of, xv. 698
Mydasii, (*Lat.*) xv. 698
Mygalæ, where found, xiv. 92
Mygale, respiratory organs of, xiv. 6
Mylabris, xv. 41. 50
 (*Geoff.*) xv. 53
 (*Oliv.*) xv. 32
 (*Schœff.*) xv. 20
 cantharides, distinct from, xv. 46
 used for cantharides, xv. 48
 chicorii, xv. 47. 51
 the Chinese employ, xv. 47
 pustulata, xv. 50
 where found, xiv. 94
Mylabrum of *Fab.* xv. 32
Mylæchus, (*Latr.*) xiv. 398
Myniops of *Schœnherr*, xv. 58
Myodites, xv. 37
 (*Lat.*) xv. 28
Myodocha, (*Latr.*) xv. 219
Myopa, (*Fab.*) xv. 706
Myorhinus, (*Schœn.*) xv. 60
Myosodus, xiv. 216
Myriapoda, description of, xiv. 124
 jaws of, xiv. 9
Myriapodes, approximate to many crus-
 tacea, xiv. 7
 mouth of, xiv. 10
Myriapods, abdomen of, xiv. 18
 a passage from insects to crus-
 tacea, xiv. 136
 description of, xiv. 26
 dwelling of, xiv. 137
 sketch of metamorphosis in, xiv.
 22
Myrina, (*Fab.*) xv. 592
Myrmecoda, (*Lat.*) xv. 373
Myrmecodes Australis, xv. 516
Mermecophila, xv. 175
Myrmeleon, xv. 298
 erythrocephalum, xv. 327
 larvæ of the, xv. 324
Myrmeleonides, xv. 298
Myrmex, what called, xv. 435
Myrmica, (*Latr.*) xv. 371

Cuv. Index.

Myrmica emigrations of, xv. 453
 instinct of, xv. 443
Myrmicæ, what called, xv. 435
Myrmice hamata, xv. 503
Myrmosa of *Latr.* xv. 373
Mystacida, xv. 302
Myzine, (*Latr.*) xv. 374

Nabis, (*Lat.*) xv. 220
Naucores, xv. 248
Naucori, where found, xv. 232
Naucoris, (*Geoff.*) xv. 221
Nebria, description of, xiv. 237
 arenaria, xiv. 237
 Borealis, xiv. 239
Necrobia, (*Lat.*) xiv. 346
 classification of, xiv. 376
 violacea, xiv. 347
Necrodes, xiv. 418
 (*Wilk.*) xiv. 394
Necrophilus, (*Lat.*) xiv. 397
Necrophori, xiv. 415
 larvæ of, xiv. 418
Necrophorus, (*Fab.*) xiv. 391
 Germanicus, xiv. 393
 grandis, xiv. 393
 humator, xiv. 393
 mortuorum, xiv. 393
 vespillo, xiv. 393. 416
Necydalis, (*Fab.*) xv. 19. 20
 (*Geoff.*) xiv. 339
 (*Lin.*) xiv. 352; xv. 37. 106
 brevicornis, xiv. 352
 proper, xv. 106
Negra, (cochineals,) xv. 280
Neïdes, (*Lat.*) xv. 219
 (*Lat.*) of what composed, xv. 241
 tipularia, xv. 242
Nematocera, (*Meig.*) xv. 686
Nematodes, xiv. 319
Nematopus rufoscutellatus, xv. 241
Nemestrina, (*Lat.*) xv. 694
Nemestrinæ, the, xv. 754
Nemocera, the, xv. 682. 721
Nemocera, xv. 725
Nemognathus, (*Lat.*) xv. 34
 jaws of, xv. 46
Nemoptera Africana, xv. 324
 (*Latr.*) xv. 297
 extensa, xv. 324
 where found, xiv. 92
Nemoptera, the, xv. 324
Nemosoma, (*Desmar.*) xv. 84
Nemotelus, (*Geoff.*) xv. 700
Nemoura, (*Lat.*) xv. 301
Nepa, of *Linnaeus*, xv. 221. 248
 cinerea, xv. 249
 proper, (*Lat.*) xv. 222

M m

- Nepæ proper, labrum of, xv. 249
 where found, xv. 232
 Nephortoma, (*Meig.*) xv. 685
 Nepides, xv. 221
 Neptis, (*Fab.*) xv. 589
 Neriî sphinx, xv. 597
 Nermomyia, (*Nitzsch.*) xv. 719
 Neuroptera, xv. 294
 description of, xiv. 27
 eyes of, xiv. 45
 masticating insects, xiv. 40
 metamorphosis of, xiv. 81, 82
 neuters among, xiv. 78
 nymphæ of, xiv. 21
 supplement on the, xv. 303
 Nigidius, xiv. 501
 Nilio, (*Lat.*) xv. 6
 Nilo, where found, xv. 9
 Nirmi, (*of Hermann*) xiv. 152
 Nirmidea, (*Leach*) xiv. 150
 Nirmus, a name adopted from Hermann,
 xiv. 164
 description of the, xiv. 150
 Nitela, (*Lat.*) xv. 377
 Nitidula, xiv. 399; xv. 66
 (*Gyll.*) xiv. 391
 (*Herbst.*) xiv. 401
 (*Oliv.*) xiv. 400, 401
 ænea, xiv. 401
 grisea, xiv. 420
 orbiculata, xiv. 404
 (proper,) (*Fab.*) xiv. 401
 viridescens rufipes, xiv. 401
 why named, xiv. 419
 what resemble, xiv. 419
 Nitidularia, xiv. 398
 Noctiluca, what called, xiv. 366
 Noctua, xv. 614
 (*Fab.*) xv. 613
 absinthii, xv. 616
 Artemisiæ, xv. 616
 chrysis, xv. 616
 gamma, xv. 615
 pacta, xv. 615
 Patroclus, xv. 594
 sponsa, xv. 615
 verbasci, xv. 616
 Nocturna, xv. 601
 Nomada, (*Fab.*) xv. 385
 Nomia, (*Lat.*) xv. 382
 Nosodendron, (*Lat.*) xiv. 407
 Notacantha, the, xv. 698. 757
 Noterus, description of, xiv. 249
 Nothus, (*Ziegl.*) xv. 19
 Notiophilus, description of, xiv. 240
 Noctualites, xv. 613
 Notoclea, marsh, xv. 140
 Notodonta, (*Ochs.*) xv. 610
 palpina, xv. 610
 Notonecta, (*Lin.*) xv. 222
 glauca, xv. 251
 minima, xv. 251
 habits of the, xv. 251
 Notonectes, where found, xv. 232
 Notonectides, xv. 222
 Notopeda, elater, xiv. 314
 what called, xiv. 359
 Notoxi, xv. 38
 Notoxus, (*Fab.*) xiv. 345
 of Geoff. xv. 30
 how allied to odacantha tripus-
 tulata, xiv. 189
 Illigeri, xiv. 342
 minutus, xiv. 386
 Notophila, (*Fab.*) xv. 711
 Nyctelia, (*Lat.*) xiv. 544
 Nycteribia, (*Lat.*) xv. 720
 Nycteribiæ, the, xv. 778
 Nycteus, (*Lat.*) xiv. 328
 Nymphales, xv. 583
 Nymphalis, (*Lat.*) xv. 589
 Annetta, xv. 676
 chrysis, xv. 675
 pitheas, xv. 675
 Thamyris, xv. 675
 Nymphipara, xv. 718
 Nysson, (*Lat.*) xv. 377
 Nyssoniani, xv. 377
 Nymphes, (*Leach*) xv. 299

 Obrium, (*Meg. Dej.*) xv. 105
 Occitanus, where found, xiv. 96
 Ochthebius, (*Leach*) xiv. 426
 Ochina, xiv. 350
 hederæ, xiv. 350
 Ochodæus, (*Meg.*) xiv. 464
 Octogonotes, xv. 141
 Ocydromia, (*Hoff.*) xv. 691
 Ochtera, (*Lat.*) xv. 711
 Ocyptera, (*Meig.*) xv. 708
 the, xv. 771
 bicolor, xv. 772
 cassidæ, xv. 772
 Odacantha, description of, xiv. 193
 cynocephala, xiv. 189
 dorsalis, xiv. 189
 melanura, xiv. 189. 270
 tripustulata, xiv. 189
 Odonata, xv. 294
 Odonptera palpina, xv. 614
 Odontæus, (*Ziegl.*) xiv. 465
 Odontomachus, (*Lat.*) xv. 371
 Odontomyia, (*Meig.*) xv. 700
 Odynerus, (*Lat.*) xv. 380
 habits of, xv. 524
 Ecophora, (*Lat.*) xv. 627
 Edalia, (*Meig.*) xv. 691
 Edemera, (*Fab.*) xv. 106

- CEdemera, (*Oliv.*) xv. 19. 20
 classification of, xv. 24
 distinguished from cantharides, xv. 45
 CEdemeræ, salivary vessels of, xv. 11
 CEmerites, xv. 18
 CEdionychis, (*Lat.*) xv. 142
 CEdipoda, xv. 177
 CEGus, xiv. 501
 CEnas, (*Oliv.*) xv. 32
 CEstrides, xv. 705
 CEstrus, (*Lin.*) xv. 701. 705
 the, xv. 763
 bovis, xv. 765, 766
 food of, xiv. 69
 hæmorrhoidalis, xv. 764
 hominis, xv. 766
 ovis, xv. 764
 Oiceptoma, xiv. 395
 Oides, (*Weber*) xv. 141
 Oiketicus Kirbyi, xv. 679
 Olites, (*Fab.*) xv. 714
 Olyntha, (*Mr. Gray*) xv. 347
 Brasiliensis, xv. 347
 Omalia, xiv. 306
 Omalium, description of, xiv. 296, 297
 macropterum, xiv. 298
 ovatum, xiv. 297
 porcatum, xiv. 297
 rugosum, xiv. 297
 staphylinoides, xiv. 297
 Omaliscus, (*Geoff.*) xiv. 331
 suturalis, xiv. 331
 Omalopia, (*Dej.*) xiv. 482
 Omaloptera, (*Leach*) xv. 717
 Omalus, (*Jur.*) xv. 367
 Omaseus, xiv. 214
 elongatus, xiv. 215
 melanarius, xiv. 215
 Ometis, (*Lat.*) xiv. 474
 Omias, xv. 58
 Ommatius, (*Illig.*) xv. 691
 Omophron, description of, xiv. 238
 limbatus, xiv. 279, 280
 Omophronta, head of the, xiv. 174
 Omus Californicus, xiv. 263
 Oniscus pustulatus, xiv. 130
 zonatus, xiv. 130
 Oniticellus, xiv. 455
 Onitis, xiv. 455
 (*Fab.*) xiv. 456
 what comprehended under the name, xiv. 506
 where found, xiv. 92
 Onthophagus, (*Lat.*) xiv. 455
 Onthophilus, xiv. 389, 390
 Oôdes, description of, xiv. 224
 Opatrini, xiv. 557
 Opatrinus, xiv. 556
 Opatrum, xiv. 569; xv. 9
 (*Fab.*) xiv. 559
 granulatum, xiv. 341
 sabulosum, xiv. 560. 570
 Ophionæa, description of the, xiv. 189
 Ophion, (*Fab.*) xv. 361
 Ophions, of Fabricius, xv. 418
 Ophiura scapulosa, xv. 614
 Ophoni, anatomical peculiarity of, xiv. 207
 Ophonus, description of, xiv. 210
 Opilo, (*Lat.*) xiv. 345
 Opili, xiv. 374
 Oplognathus, (*Kirby*) xiv. 473
 Orchesia, (*Lat.*) xv. 16
 Orchestes, (*Illig.*) xv. 61
 Orgyia, (*Ochs.*) xv. 609, 610
 gnostigma, xv. 610
 Orneodes, xv. 629
 Ornithomyia, (*Lat.*) xv. 719
 (*Leach*) xv. 719
 Ornithomyiæ, the, xv. 778
 Orobitis, xv. 62
 Orsodacna, xiv. 125
 (*Lat.*) xv. 122
 chlorotica, xv. 126
 Orsodacnæ, xv. 126
 Ortalis, (*Fall.*) xv. 716
 paludium, xv. 716
 Orthiorynchus, xv. 58
 Orthocætes, (*Germ.*) xv. 63
 Orthocerus, xiv. 570
 (*Lat.*) xiv. 560
 Orthogonius, description of, xiv. 197
 Hopei, xiv. 273
 Orthoptera, description of, xiv. 26; xv. 169
 of Olivier, xv. 229
 corslet of, xiv. 12
 eyes of, xiv. 45
 hearing of, xiv. 56
 leaping division of, xv. 192
 masticating insects, xiv. 40
 mesothorax of, xiv. 51
 metamorphosis of, xiv. 81, 82
 muscles of, xiv. 54
 palpi of, xiv. 9
 size of, xiv. 96
 stomachs of the, xv. 179
 supplement on the, xv. 178
 Orthorapha cassidioides, xv. 263
 Ortocheile, (*Lat.*) xv. 696
 Oryctes, (*Illig.*) xiv. 468
 type of, xiv. 509
 Oryssus, (*Lat.*) xv. 358
 Oscines, food of, xiv. 68
 Oscinis, (*Lat.*) xv. 714
 Osmia, (*Lat.*) xv. 571
 (*Panz.*) xv. 384

- Osma cærulescens*, xv. 573
 fulviventris, xv. 575
Osmylus, (*Latr.*) xv. 299
Osorius, description of, xiv. 295
Osphya, (*Müg.*) xv. 19
Otiocerus, antennæ of, xiv. 41
 or Kirby, xv. 223
Ourapteryx, (*Leach*) xv. 619
Oxæna, description of, xiv. 205
 Braziliensis, xiv. 274
 brunnea, xiv. 205
 dentripes, xiv. 205
 goniotropis, xiv. 274
 Gyllhenalii, xiv. 205
 Rogeri, xiv. 205
Oxea, (*Klug.*) xv. 386
Oxiuri, (*Latr.*) xv. 367
 the, xv. 434
Oxura, (*Kirb.*) xiv. 552
 setosa, xiv. 552
Oxybelus, (*Lat.*) xv. 377
Oxycera, (*Meig.*) xv. 700
Oxycheila, description of the, xiv. 177
 binotata, xiv. 264
 distigma, xiv. 264
 tristis, xiv. 177
Oxygnathus, description of, xiv. 203
 elongatus, xiv. 203
Oxypori, xiv. 304
Oxyporus abdominalis, xiv. 299
 analis, xiv. 299
 bipustulatus, xiv. 299
 chrysomelinus, xiv. 299
 description of, xiv. 290
 lunulatus, xiv. 299
 marginatus, xiv. 299
 marginellus, xiv. 299
 maxillosus, xiv. 290
 merdarius, xiv. 299
 pygmæus, xiv. 299
 rufipes, xiv. 299
 subterraneus, xiv. 299
 suturalis, xiv. 299
Oxypterum, (*Leach*) xv. 719
Oxystomus, description of, xiv. 203
 cylindricus, xiv. 204
Oxyteli, xiv. 305
Oxytelus, xiv. 295
Oxytelus, (*Oliv.*) description of, xiv. 296
 bicornis, xiv. 296
 penicillatus, xiv. 296
- Pachychnemus*, xiv. 489
Pachyderes, *ruficollis*, xiv. 364
Pachygaster, (*Meig.*) xv. 701
Pachylis, (*Lep. & Ser.*) xv. 218
Pachymere, (*Lep. & Ser.*) xv. 219
Pachymosa Æsculapius, xiv. 506
Pachypus, (*Dej.*) xiv. 475
Pachyrhynchus, xv. 58
Pachysoma, xiv. 452
 Hippocrates, xiv. 506
Pachystomus, (*Lat.*) xv. 698
Pachyta, (*Meg.*) xv. 112
Pæcilonotus, xiv. 357
Pæcilopectera, (*Lat.*) xv. 224
 antica, xv. 260
Pæcilus, description of, xiv. 213
Pælobius, description of, xiv. 248
Palarus, (*Lat.*) xv. 376
Palm-weevil, xv. 80
Palpadores, where placed, xiv. 385
Palpicornes, xiv. 424. 433
Pamborus, description of, xiv. 230
 alternans, xiv. 230
Pamphagus, (*Thunb.*) xv. 176
Pamphilus, (*Latr.*) xv. 357
Pamphedron, (*Lat.*) xv. 378
Panache jaunâtre, xiv. 336
Panagée à quatre taches, xiv. 228
Panagæus, description of, xiv. 228
Pangonia, (*Lat.*) xv. 697
Panaps, (*Lamarck*) xv. 692
Panorpa, (*Lin.*) xv. 297
 proper, (*Lat.*) xv. 298
 rufa, xv. 324
Panorpæ, of the, xv. 323
Panorpætæ, (*Latr.*) xv. 297
Panurgus, (*Panz.*) xv. 383
Papilio, of Linnæus, xv. 582
 Alexanor, xv. 584
 Alexis, xv. 592
 Antiopa, xv. 587
 Apollo, xv. 585
 Atalanta, xv. 588
 bombylifformis, xv. 598
 brassicæ, xv. 585
 C. album, xv. 588
 cardui, xv. 588
 cardui, where found, xiv. 90
 cardumines, xv. 585
 Childrenæ, xv. 673
 Chrysippus, where found, xiv. 92
 Cleopatra, xv. 585
 Cleopatra, where found, xiv. 88
 cleotas, xv. 673
 cratægata, xv. 632
 daplidice, xv. 585
 farinalis, xv. 623
 fuciformis, xv. 598
 graminis, xv. 616
 hyale, xv. 585
 hysipyle, xv. 585
 Iô, xv. 588

- Papilio Iö, represented by Kirby and Spence, xiv. 42
 Jason, xv. 589, 590
 Lavinia, xv. 594
 leilus, xv. 594
 lemnata, xv. 623
 Machaon, xv. 584
 napi, xv. 585
 noctua, xv. 596. 608, 609. 611, 612. 615. 617
 nymphalis, xv. 586
 nymphaea, xv. 623
 Orontes, xv. 594
 paludata, xv. 623
 pelicani, xv. 586
 Phidippus, xv. 590
 pinguinalis, xv. 623
 podalirius, xv. 584
 polychloros, xv. 588
 potamogata, xv. 623
 Priamus, where found, xiv. 96
 rapæ, xv. 585
 rhammi, xv. 585
 riphæus, xv. 594
 rumina, xv. 585
 sinapis, xv. 585
 stellatarum, xv. 598
 stratiolata, xv. 623
 urticæ, xv. 588. 631. 670
 urticæ, tongue of, xv. 633
 urticæ, description of figure of, xiv. 47
 Papiliones, Danaï candidi, xv. 585
 Danaï festivi, xv. 586
 equites, xv. 583
 milites, xv. 590
 plebei, xv. 591
 plebei urbicolæ, xv. 593
 Papillons bourdons, (*Degeer*) xv. 595
 estropiés, xv. 593
 Paragus, (*Lat.*) xv. 703
 Parandra, (*Lat.*) xv. 99. 113
 Parasita, description of the, xiv. 26. 148
 Parmena, of Meg, xv. 109
 Parnasii, xv. 583
 Parnassius, (*Lat.*) xv. 584
 Parnus, of Fabricius, xiv. 410, 411
 acuminatus, xiv. 411
 obscurus, xiv. 412
 Parnopes, (*Latr.*) xv. 369
 Paropsis, xv. 140
 Pasimachus, description of, xiv. 200
 Mexicanus, xiv. 274
 Pasites, xv. 385
 Passali, description of, xiv. 537
 Passalus, (*Fab.*) xiv. 502
 of Olivier, xiv. 497
 interruptus, xiv. 537
 Passalus, where found, xiv. 94
 Passandra, xv. 93
 (*Dalm.*) xv. 88
 fasciata, xv. 94
 Patellimani, description of, xiv. 221
 Patrobus, description of, xiv. 229
 Paussus, (*Lin.*) xv. 83
 Pavonia, xv. 590
 morpho, xv. 590
 Pavarii, xv. 583
 Paxillus, xiv. 502
 Paxylloma, (*Brebisson*) xv. 360
 Pedicia, (*Lat.*) xv. 685
 Pedicula, (*Leach*) xiv. 149
 Pediculi corporis, xiv. 163
 diseases produced by, xiv. 161
 metamorphosis of, xiv. 82
 proper, xiv. 164
 Pediculus, (*Lin.*) xv. 717
 description of the, xiv. 148, 149
 ardeæ, xiv. 151
 corvi coracis, xiv. 151
 humanus corporis, xiv. 149
 humanus capitis, xiv. 149
 melittæ, xiv. 153; xv. 42, 43, 44
 pavonis, xiv. 151
 (properly so called) xiv. 152
 pubis, xiv. 150
 resembles an acarus, xiv. 162
 stermæ hirundinis, xiv. 151
 suis, xiv. 150
 tinnunculi, xiv. 151
 vespertilionis, xv. 779
 Pedilus, (*Fisch.*) xv. 19
 Pedini, (proper) xiv. 558
 Pedinus, (*Lat.*) xiv. 556
 Pelecinus, (*Latr.*) xv. 359
 Pelecium, description of, xiv. 227
 cyanipes, xiv. 227
 Pelecocera, (*Hoff.*) xv. 705
 Pelidnota, (*MacL.*) xiv. 473
 Pelocophorus, xiv. 342
 Pelocotoma, (*Fisch.*) xv. 29
 Pelogonus, (*Lat.*) xv. 220
 Pelopæus, (*Fab.*) xv. 378
 (*Lat.*) xv. 376
 Pelophila, description of, xiv. 238
 Pelor, (*Bon.*) description of, xiv. 211
 Peltastes, (*Illig.*) xv. 362
 Peltis, (*Fab.*) xiv. 400
 Peltis, (*Fab.*) xiv. 346
 (*Geoff.*) xiv. 390. 394. 398
 Pemeliæ, where found, xiv. 96
 Pentamera, tarsi of the, xiv. 172
 Pentamerous coleoptera, xiv. 308
 Pentaphyllus, xv. 3
 Pentatoma, xv. 217
 baccarum, xv. 235

- Pentatoma betulæ, xv. 234
 grisea, xv. 772
 ornata, xv. 236
 Penthetria, (*Meig.*) xv. 689
 Penthimia, (*Germ.*) xv. 226
 Pepsis, (*Fab.*) xv. 375
 apicalis, xv. 516
 Percus ebenus, xiv. 217
 Perga of Dr. Leach, xv. 355. 402
 scutellata, xv. 402
 Pericalus, description of, xiv. 219
 cicindeloides, xiv. 219
 Perilampus, xv. 366
 Perla of Geoffroy, xv. 301
 with what confounded, xv. 347
 Perlides, xv. 300
 Petalochairis Pariss, xv. 220
 Petauristes, (*Lat.*) xv. 123
 Petits porte-queue, les, xv. 592
 Petrobius, description of, xiv. 144
 maritimus, xiv. 145
 Phædon, (*Meg.*) xv. 140
 Phagioccephalus tubularis, xv. 774
 Phalacri, (*Payk.*) xv. 66
 Phalæna, the, xv. 601. 602. 678
 alpinalis, xv. 623
 alucites, xv. 628
 antiqua, xv. 679
 à six ailes, xv. 619
 attacæ, xv. 605
 betularia, xv. 602
 bombyx caja, xiv. 49
 bombyx crategata, xiv. 49
 bombyx geom. grossulariata,
 xiv. 49
 bombyx lubricipeda, xiv. 48
 brumata, xv. 619
 Cynthia, xv. 605
 falcataria, xv. 613
 forficalis, xv. 623
 grossulariata, xv. 619
 hexadactyla, xv. 632
 hirtaria, xv. 602
 lacertinaria, xv. 613
 margaritalis, xv. 623
 margaritaria, xv. 619
 mineus, xv. 605
 prodromia, xv. 602
 proper, xv. 619
 purpuraria, xv. 623
 pyralides, xv. 620. 622
 sambucaria, xv. 619
 sanguinalis, xv. 623
 scalaris, xv. 605
 tinea semiargentella, xv. 632
 syringaria, xv. 619
 Phalænæ, xv. 348
 tortrices, xv. 616
 the large shouldered, xv. 616
 Phalænites, xv. 618
 Phalæri, xiv. 445
 Phalarcrus, (*Payk.*) xv. 155
 Phalène de l'éclair, xv. 230
 Phalènes tipules, xv. 628
 Phaleria, xv. 7
 (*Lat.*) xv. 2
 bicolor, xv. 3
 peltoides, xv. 3
 Phanæus, (*Mach.*) xiv. 456
 Phania, xv. 709
 Phasgonophora sulcata, xv. 433
 Phasia, (*Meig.*) xv. 708
 Phasma of Fab. xv. 173
 arrangement of, xv. 191
 gigas, xv. 191
 rossia, xv. 173
 where found, xiv. 96
 Phatyppterix, (*Lacép.*) xv. 612
 Phengodes, (*Hoffm.*) xiv. 333
 Philanthus, (*Fab.*) xv. 379
 (*Jur.*) xv. 379
 Philereumus, (*Latr.*) xv. 385
 Phileurus, (*Lat.*) xiv. 470
 Philopteri, biliary vessels of the, xiv.
 153
 Philopterus, proper to birds, xiv. 152
 Phlæa, (*Lep. et Ser.*) xv. 218
 Phleboptera, what called, xv. 391
 Phoberus, xiv. 467
 Phœnicocerus, Dejeanii, xv. 103
 (*Lat.*) xv. 103
 Pholidotus, (*Mach.*) xiv. 499
 lepidosus, xiv. 499
 Phora, (*Lat.*) xv. 717
 proboscis of, xv. 707
 Phrenapates, Bennettii, xv. 91
 Phrenapetes, xv. 91
 Phryganea quadrifasciata, xv. 302
 Phryganea, (*Lin.*) xv. 301
 filosa, xv. 302
 hirta, xv. 302
 longicornis, xv. 302
 nigra, xv. 302
 proper, xv. 302
 Phrygania, gills of, xiv. 75
 larvæ of, xv. 350. 611
 with what confounded, xv. 347
 eyes of, xiv. 45
 Phryganiæ, what called, xv. 348
 Phthiria, (*Meig.*) xv. 693
 Phthridium, (*Herm.*) xv. 720
 Phthiromyia, (*Lat.*) xv. 719
 Phtirus, (*Dr. Leach*) xiv. 150
 Phycis, (*Fab.*) xv. 625
 Coleti, xv. 625
 Phylam, (*Meg.*) xiv. 559
 Phyllia, form of the, xv. 191
 Phyllium, of Illiger, xv. 173

- Phyllium, arrangement of, xv. 191
 bioculatum, xv. 191
 Phyllocharis, (*Dalm.*) xv. 139
 Phyllobius, (*Schaen.*) xv. 57
 Phyllocerus, xv. 322
 Phyllophagi, xv. 474. 484
 Physodera Desiani, xiv. 273
 Physodactylus, (*Fisch.*) xiv. 324
 Henningii, xiv. 324
 Phytonomus, (*Schaen.*) xv. 59
 Phytoscapus, (*Schaen.*) xv. 57
 Pieris, (*Schr.*) xv. 585
 Nemesis, xv. 674
 Swainsonii, xv. 674
 Piestus, (*Grav.*) description of, xiv. 296
 sulcatus, xiv. 296
 Piezata, (*Fab.*) xv. 353
 Pilularia, what called, xiv. 451
 why called, xiv. 504
 Pimelia of Fab. xiv. 412. 541. 551, 552
 (*Herbs.*) xiv. 552
 (*Lin.*) xiv. 542
 anomala, xiv. 543
 bipunctata, where found, xiv. 89,
 542. 565
 ciliata, xiv. 565
 coronata, xiv. 543
 cryptochyle, xiv. 543
 dentipes, xiv. 552. 555
 gibba, xiv. 551
 gibbosa, xiv. 553
 glabra, xiv. 566
 hispida, xiv. 543
 longipes, xiv. 543
 maculata, xiv. 543
 minuta, xiv. 543
 morbilosa, xiv. 543
 obscura, xiv. 555
 of what formed, xiv. 565
 pygmæa, xiv. 412
 Payraudii, xiv. 543
 scrabriuuscula, xiv. 566
 silphoides, xiv. 545
 striata, xiv. 551
 striatula, xiv. 566
 trachyderma, xiv. 543
 unicolor, xiv. 551
 Pimeliariae, xiv. 564
 Pimpla, (*Fab.*) xv. 361
 Pine tentredo, xv. 399
 Pinicola, (*Breb.*) xv. 357
 Pinophilus latipes, xiv. 292
 Pipiza, (*Meig.*) xv. 705
 Pison, (*Spin.*) xv. 377
 Planiceps, xv. 375
 Planipennes, xv. 297
 Plant-lice, habits of, xv. 267
 Platinatus striatus, xiv. 557
 crenatus, xiv. 557
 Platinatus excavatus, xiv. 557
 Platycerus, xiv. 501
 (*Geoff.*) xv. 88
 signification of, xiv. 530
 Platychile, resembling manticora, xiv.
 176
 Platygaster, xv. 369
 Platygenia, (*MacL.*) xiv. 493
 Platynotus dilatatus, xiv. 556
 laevigatus, xiv. 555
 reticulatus, xiv. 555
 serratus, xiv. 555
 undatus, xiv. 555
 Platynus, description of, xiv. 223
 blandus, xiv. 223
 complanatus, xiv. 223
 Platypo, xiv. 542
 Platypeza, (*Meig.*) xv. 696
 Platypus, (*Herbs.*) xv. 83
 Platyscelis, (*Latr.*) xiv. 558
 Platysma nigra, xiv. 214
 Platsoma, xv. 95
 (*Leach*) xiv. 389
 Platystoma, (*Meig.*) xv. 716
 Platyura, (*Meig.*) xv. 688
 Plectes osseticus, xiv. 233
 Plectris, (*Lepel. & Serv.*) xiv. 483
 Plicipennes, xv. 301
 Ploas, (*Meig.*) xv. 694
 ægeriformis, xv. 779
 Plochionus, description of, xiv. 196
 quadrimalaculatus, xiv. 273
 Ploeræ, the, xv. 244
 Ploiaria, (*Scop.*) xv. 220
 Ploiotribus, (*Lat.*) xv. 82
 Plusia concha, xv. 614
 Podidum, (*Lat.*) xv. 376
 Podisma, xv. 177
 Podium nigripes, xv. 516
 Podontia, (*Dalm.*) xv. 163
 Podura, description of the, xiv. 145
 alvalis, xv. 146
 ambulans, xiv. 146
 annulata, xiv. 146
 arborea, xiv. 146
 aquatica, xiv. 146
 aquatica grisea, xiv. 146
 atra, xiv. 147
 cincta, xiv. 146
 Podurellæ, description of the, xiv. 145
 Poduria fimetaria, xiv. 146
 Podura lignorum, xiv. 146
 metamorphosis of, xiv. 82
 minuta, xiv. 147
 plumbea, xiv. 146
 polypoda, xiv. 147
 proper, description of the, xiv.
 146
 pusilla, xiv. 146

- Podura signata*, xiv. 147
 vaga, xiv. 146
 villosa, xiv. 146
 viridis, xiv. 147
Pæderi, xiv. 305
Pæderus, description of, xiv. 292. 293
 proboscideus, xiv. 294
Pogonocherus, xv. 108
Pogonocerus, (*Fisch.*) xv. 28
Pogonophorus, description of, xiv. 236
Pogonus, description of, xiv. 211
 halophilus, xiv. 212
 pallidipennis, xiv. 212
Polistes apicalis, xv. 575
Polistichus, description of the, xiv. 190
Polisticus discoideus, xiv. 191
Polocrium, (*Spin.*) xv. 374
Polyergi, larvæ of the, xv. 450
Polyergus, (*Lat.*) xv. 371
 account of, xv. 490
Polymera, (*Wiedmann*) xv. 686
Polyommatus, xv. 592
Polyommates, xv. 610
Polydesmus, description of, xiv. 131
Polytomus femoratus, xiv. 327
 marginatus, xiv. 327
 mystacinus, xiv. 327
 (*Dalm.*) xiv. 326
Polyxenus, description of, xiv. 131
 lagurus, xiv. 131
Pompilus, (*Fab.*) xv. 375
Pompilus bifasciatus, xv. 516
Pompylus, (*Fab.*) xv. 378
Ponera, (*Lat.*) xv. 371
 size of, xv. 471
Pontia, (*Fab.*) xv. 585
Popilia, (*Leach*) xiv. 483
 bipunctata, xiv. 483
Porcellus sphinx, xv. 597
Porphyrops, (*Meig.*) xv. 696
Potamophili, xiv. 409
Potamophilus, (*Germ.*) xiv. 410
Pou de bois, xv. 345
Pneumora of Thunb. xv. 176
Prasocuris, (*Lat.*) xv. 140
Priocera, (*Kirby*) xiv. 344
 variegata, xiv. 344
Prioni, xv. 114
Prionii, xv. 98
Prionus, (*Geoff.*) xv. 99
 arvicornis, xv. 115
 depsarius, xiv. 86
 coriarius, xv. 115
 nitidus, xv. 100
 sabricornis, xv. 100
Procerata saldonana, xv. 617
Procerus, description of, xiv. 232
 Caucasicus, xiv. 233
 tauricus, xiv. 233
Procirrus Lefeburi, xiv. 294
Procris, (*Fab.*) xv. 600
Procrustes, description of, xiv. 233
Proctotrupes, (*Latr.*) xv. 368
Proteus, (*carabus æneus*) xiv. 209
Progalles-insectes, xv. 274
Prognatha, description of, xiv. 296
Pronæus, (*Lat.*) xv. 375
Proscarabæi, xv. 38
Proscarabæus, fecundity of the, xv. 40
Proscopia, (*Klug.*) xv. 176
Prosopis, (*Fab.*) xv. 383
 (*Jur.*) xv. 381
Prostomis, (*Lat.*) xv. 88
Proteinus, description of, xiv. 297
Psalidium, xv. 58
Psalidognathus, xv. 115
 Friendii, xv. 116
Psammetichus, (*Lat.*) xiv. 549
Psammodes, (*Kirby*) xiv. 551
 longicornis, xiv. 551
Psammodius, (*Gyll.*) xiv. 458
 arenarius, xiv. 460
 sulcicollis, xiv. 459
Psammæcus Boudier, xv. 123
Psammotherma, (*Lat.*) xv. 372
Psarus, (*Lat.*) xv. 703
Pselaphii, xv. 166
Pselaphus, (*Herbs.*) xv. 166
 (*Illig.*) xiv. 385
 proper, (*Herbs.*) xv. 167
Psen, (*Lat.*) xv. 378
Pseudo-bombyces, xv. 609, 610
Pseudo-tineæ, xv. 621
Psila, (*Meig.*) xv. 713
Psilodera Capensis, xv. 779
Psilomyia, (*Lat.*) xv. 713
Psilopus, xv. 696
Psilota, (*Fab.*) xv. 705
Psilus, (*Jur.*) xv. 368
Psoa, (*Fab.*) xv. 84
Psocus, (*Latr.*) xv. 300
Psorophora, xv. 684
Psyche, (*Schr.*) xv. 611
Psychoda, (*Lat.*) xv. 685
Psychomyiæ, xv. 302
Psylla, (*Geoff.*) xv. 227
 alni, xv. 266
 buxi, xv. 267
 ficus, xv. 266
Psyllæ, of Geoffroy, habits of, xv. 264
Psylliodes, (*Lat.*) xv. 142
Pterochile, (*Klug.*) xv. 380
Pterodontia flavipes, xv. 779
Pteromalus, (*Latr.*) xv. 366
Pterophorites, (*Lat.*) xv. 628
Pterophorus, xv. 628
 hexadactylus, xv. 628, 629
 pentadactylus, xv. 628

Pterostichus, xiv. 214. 216
 Pterotarsus, xiv. 363
 histrio, xiv. 363
 Pterygophorus, (*Klüg.*) xiv. 357
 Ptilinus, xiv. 335
 (*Fab.*) xiv. 350
 (*Geoff.*) xiv. 350
 larvæ of, xiv. 379
 pectinatus, xiv. 350
 pectinicornis, xiv. 350
 pollens, xiv. 350
 serratus, xiv. 350
 Ptilium, xv. 168
 Ptilodactyla, (*Illig.*) xiv. 327
 Ptilodactylus, (*Wied.*) xv. 699
 Ptini, general description of, xiv. 378
 Ptiniore, of what composed, xiv. 377
 Ptiniore, hepatic vessels of, xiv. 308
 Ptinus, (*Fab.*) xiv. 385
 (*Fab.*) (*Oliv.*) xiv. 349
 (*Lin.*) xiv. 347, 348. 350. 351
 denticornis, xiv. 350
 far, xiv. 349
 Germanus, xiv. 349
 imperialis, xiv. 349
 latro, xiv. 349
 pertinax, xiv. 351
 proper, (*Lin.*) xiv. 348
 scotias, xiv. 350
 serricornis, xiv. 350
 striatus, xiv. 349
 sulcatus, xiv. 350
 testaceo-villosus, xiv. 327
 Ptyocerus, (*Hoff.*) xiv. 326
 Ptychoptera, (*Meig.*) xv. 685
 Ptylodactyla elaterina, xiv. 327
 Pucerons, food of, xiv. 68
 habits of, xiv. 267
 neuters among, xiv. 78
 ovoviparous, xiv. 77
 Pulex, description of the, xiv. 154
 general remarks upon the, xiv. 165
 irritans, xiv. 156
 penetrans, xiv. 156
 Pupipara, xv. 717
 the family of the, xv. 774
 Pupivora, the, xv. 359. 406
 Purpuricenus, (*Dej.*) xv. 103
 Pygæra, xv. 609
 Pyrales, metamorphosis of, xiv. 83
 Pyralis, (*Fab.*) xv. 617
 Heracleana, xv. 617
 pomana, xv. 617
 prasinaria, xv. 618
 rutana, xv. 617
 tapezana, xv. 625
 umbellana, xv. 617
 vitis, xv. 617

Cuv. Index.

Pyrochroa, xv. 28. 36
 (*Degeer*) xiv. 327
 (*Geoff.*) xv. 27
 nitida, xiv. 327
 Pyrochroides, xv. 27
 Pytho, (*Lat.*) xv. 15

 Quadrimani, description of, xiv. 207

 Ramphomyia, xv. 691
 Ramphus, (*Clairv.*) xv. 61
 Ranatra, (*Fab.*) xv. 222
 Ranatrae, habits of the, xv. 250
 labrum of, xv. 249
 where found, xv. 232
 Raphidia, (*Lin.*) xv. 300
 Raphium, (*Meig.*) xv. 696
 Red ant, of Linnæus, xv. 443
 Reduvii, food of, xv. 232
 Reduvius, (*Fab.*) xv. 220
 dorsalis, xv. 243
 personatus, xv. 243
 spinidorsis, xv. 244
 tuberculatus, xv. 244
 Rembus, description of, xiv. 225
 impressus, xiv. 225
 politus, xiv. 225
 Renagrida, (*Cochineals*) xv. 280
 Rhagio, of *Fab.*, xv. 754
 Rhagium, (*Dalh.*) xv. 112
 (*Fab.*) xv. 111
 Rhagocrepis Riedelii, xiv. 271
 Rhamnusium, (*Meg.*) xv. 112
 Rhæbus, of Fischer, xv. 19. 53
 Rhicpera marginata, xiv. 327
 Rhina, (*Lat.*) xv. 63
 Rhingia, (*Scop.*) xv. 705
 rostrata, xv. 763
 Rhingia, the, xv. 763
 Rhinomacer, xv. 66, 67
 (*Fab.*) xv. 20
 Rhinomacera, of *Oliv.*, xv. 53
 Rhinosimi, xv. 25
 Rhinosimus, (*Lat.*) xv. 20. 53
 Rhinotia, (*Kirb.*) xv. 54
 Rhinotragus, (*Dalm.*) xv. 106
 Rhipicera, (*Lat.*) xiv. 326
 Rhipidia, (*Meig.*) xv. 686
 Rhipiptera, the, xv. 681
 antennæ of, xiv. 78
 description of, xiv. 27
 metathorax of, xiv. 11
 otherwise called striesptera, xiv. 25
 supplement on the, xv. 683
 Rhisotrogus, (*Lat.*) xiv. 481
 Rhynchite, xv. 54

N n

- Rhynchænus, xv. 60. 69
 (*Fab.*) xv. 59
 Rhynchostoma, xv. 20
 Rhyncophorus, xv. 19
 Rhyncota, of Fabricius, xv. 230
 Rhysodes, (*Lat.*) xiv. 354
 exaratus, xiv. 355
 Rhytirhinus, xv. 58
 Rhyzophagus, (*Herbs.*) xv. 85
 Richard, what called, xiv. 310
 origin of the name, xiv. 356
 Ricini, of Degeer, xiv. 152
 or bird-lice, xiv. 164
 very numerous, xiv. 165
 Ricinus, description of the, xiv. 150
 canis, xiv. 151
 emberizæ, xiv. 151
 fringillæ, xiv. 151
 gallinæ, xiv. 151
 genus approximating to, xv. 43
 pavonis, xiv. 165
 philoptère, xiv. 153
 mergi, xiv. 151
 Ripidius, (*Thunb.*) xv. 28
 Ripiphori, xv. 36
 larvæ of, xv. 44
 Ripiphorus, xv. 37
 (*Payk.*) xv. 29
 paradoxus, xv. 37
 (*Oliv.*) xv. 28
 Robert the devil, what called, xv. 588
 Ropalomera, (*Wied.*) xv. 711
 Ryncota, (*Fab.*) xv. 216
 Runners, the, xv. 171
 Ruricola, (*Fab.*) xv. 591
 Rutela, (*Lat.*) xiv. 473
 cerata, xiv. 474
 cetonioides, xiv. 474
 Rutilæ, how confounded, xiv. 517
 Rhynchani, of *Fab.*, xv. 61
 Rhyncophora, short billed, xv. 56
 Ryssonotus, xiv. 499

 Sabethes, (*Robineau Desvoidy*) xv. 683
 Sagaris, (*Panz.*) xv. 364
 Sagra, xv. 122. 125
 tristis, xv. 125
 Sagrides, xv. 122
 Salda, (*Fab.*) xv. 219
 Saldes, of Fabricius, xv. 220
 Saltatoria, xv. 173
 Salius, (*Germ.*) xv. 61
 Sandalus, (*Knoch*) xiv. 326
 niger, xiv. 326
 petrophya, xiv. 326
 Sanguine ants, attack upon, xv. 470
 Saperda, xv. 108. 119
 (*Fab.*) xv. 105

 Saperda carcharias, xv. 120
 cylindricollis, xv. 119
 Sapyga proper, (*Latr.*) xv. 374
 Sapygatæ, (*Lat.*) xv. 374
 Sapromyza, (*Fall.*) xv. 714
 Sarapus, xiv. 391
 (*Fisch.*) xiv. 391
 Sarcophaga, xv. 709
 Sargus, (*Fab.*) xv. 700. 701
 Saropoda, xv. 367
 Sarrotrium, (*Germ.*) xiv. 560
 (*Illig.*) xiv. 560
 celtis, xiv. 560
 Saturnia, (*Schrank*) xv. 605
 Satyri, xv. 583
 Satyrus, xv. 590
 (*Lat.*) xv. 591
 Sauterelles, xv. 202
 Saw-flies, eyes of, xiv. 46
 Scæva, (*Fab.*) xv. 703
 Scarabæi, of the earth, xiv. 511
 of the flowers, xiv. 511. 529
 of the trees, xiv. 511
 horns of, xiv. 533
 silphioides, xiv. 509
 unctuous, xv. 39
 Scarabæidæ, xiv. 448
 size of, xiv. 96
 Scarabæus, xiv. 451
 of Fabricius, xiv. 462. 466
 (*Lin.*) xiv. 449. 456, 457, 458.
 465. 468
 Actæon, xiv. 470
 appearance of reason in the, xiv.
 111
 bellicosus, xiv. 457
 auratus, xiv. 496
 Belzebut, xiv. 457
 boas, xiv. 509
 candidæ, xiv. 476
 carnifex, xiv. 457
 cyclops, xiv. 465
 cylindricus, xiv. 498
 dichotomus, xiv. 470
 emarginatus, xiv. 457
 eremita, xiv. 492
 Esculapius, xiv. 452
 fasciatus, xiv. 492
 femoralis, xiv. 506
 festivus, xiv. 457
 fimetarius, xiv. 458
 formed from larvæ, how, xiv. 56
 fulgidus, xiv. 453
 fullo, xiv. 479
 globosus, xiv. 460
 hemipterus, xiv. 492
 Hercules, xiv. 470
 Hippocrates, xiv. 452
 Jasius, xiv. 457

- Scarabæus lancifer, xiv. 457
 Lazarus, xiv. 465
 longimanus, xiv. 470
 longipes, xiv. 454
 lunaris, xiv. 475
 macropus, xiv. 473
 melolontha, xiv. 479
 melolontha, alimentary tube of, xiv. 480
 mimas, xiv. 457
 mobilicornis, xiv. 465
 Momus, xiv. 463
 nasicornis, xiv. 468. 509
 negasoma, xiv. 470
 nobilis, xiv. 491
 proboscideus, xiv. 465
 nuchicornis, xiv. 456
 properly so called, xiv. 470
 punctatus, xiv. 470
 quadridens, xiv. 465
 sacer, xiv. 452
 Silenus, xiv. 509
 stercorarius, xiv. 463
 sticticus, xiv. 496
 tarandus, xiv. 509
 taurus, xiv. 455
 testaceus, xiv. 465
 to what applied, xiv. 512
 typhæus, xiv. 463
 vernalis, xiv. 464
 what named by Pliny, xiv. 510
 Scaphidites, xiv. 397
 Scaphidium proper, xiv. 398
 Scaphinotus, description of, xiv. 231
 Scapteris, (*Dej.*) description of, xiv. 201
 Scaritides, description of, xiv. 197
 Scarites, of Fabricius, xiv. 200
 description of, xiv. 202
 (*Ross*) description of, xiv. 206
 arenarius, xiv. 204
 Bonelli's division of, xiv. 273
 Bucephalus, xiv. 275
 for cantharides, xv. 48
 cyaneus, xiv. 199
 depressus, (*Fab.*) xiv. 201
 elongatus, xiv. 203
 gagates, xiv. 216
 Georgiæ, xiv. 205
 gigas, xiv. 202
 Hottentota, xiv. 216
 lævigatus, xiv. 199. 203
 marginatus, (*Fab.*) xiv. 201
 piceus, xiv. 216
 pyracmon, xiv. 202
 ruficornis, xiv. 202
 rufus, xiv. 207
 sabulosus, xiv. 203
 terricola, xiv. 202
 Scarites, where found, xiv. 92
 Scaurus, xiv. 566
 (*Fab.*) xiv. 549
 ? (*Sterm.*) xv. 14
 (*Fab.*), description of, xiv. 206
 sulcatus, xiv. 566
 Scotobius, (*Germ.*) xiv. 549
 Scatomyzides, xv. 712. 714
 Scatophaga, (*Lat.*) xv. 713
 Scathopse, (*Geoff.*) xv. 689
 Scelion, xv. 368
 Scenopinus, (*Lat.*) xv. 696
 Schizochilus Brasiliensis, xiv. 304
 Schizorhina, xiv. 496
 Schneider, what called, xiv. 462
 Schyzocera, (*Lat.*) xv. 356
 Peleterii, xv. 403
 Sciophila, xv. 688
 Scleroderma, of Klüg, xv. 373
 Scolia proper, (*Fab.*) xv. 374
 fulva, xv. 516
 Scolietæ, (*Latr.*) xv. 374
 Scolopendra, description of, xiv. 134
 cingulata, xiv. 135
 coleoptrata, xiv. 134
 dorsalis clypeata, xiv. 131
 electrica, xiv. 135
 forcicata, xiv. 134
 forked, xiv. 134
 gigantea, xiv. 135
 lagura, xiv. 131
 longicornis, xiv. 134
 maleficent, xiv. 133
 morsitans, xiv. 126. 133. 135
 occidentalis, xiv. 135
 phosphorea, xiv. 135
 with twenty-eight feet, xiv. 134
 Scolopendræ, bite of the, xiv. 142
 description of the, xiv. 141
 metamorphosis of, xiv. 82
 proper, stigmata of, xiv. 132
 rings of the body of the, xiv. 124
 Scolytus, xv. 89
 (*Geoff.*) xv. 82
 description of, xiv. 238
 destructor, xv. 89
 flexuosus, xiv. 213
 proper, (*Geoff.*) xv. 82
 Scopulipodes, xv. 366
 Scorpion, European, xiv. 92
 flies, xv. 323
 Scorpions of Cayenne, size of, xiv. 96
 Scotimus, (*Kirb.*) xiv. 555
 crenicollis, xiv. 555
 Scutellaria, stigmata of, xiv. 4
 Scutellera, xv. 232
 (*M. de la Marck*) xv. 365
 (*Lam.*) xv. 217

- Scutellera basalis, xv. 233
 Hottentota, xv. 233
 nigro-lineata, xv. 233
 Scutellera, description of, xv. 232
 Scutigera, description of, xiv. 133
 Scydmaenus, (*Lat.*) xiv. 385
 clavatus, xiv. 386
 Helwigii, xiv. 386
 hirticollis, xiv. 386
 where found, xiv. 385
 Godarti, xiv. 386
 minutus, xiv. 386
 Scurtes, (*Lat.*) xiv. 328
 Seatophaga, (*Fab.*) xv. 715, 716
 Securifera, xv. 354
 Seleropterus, (*Schæn.*) xv. 62
 Semblis, xv. 299
 the genus, xv. 331
 Separda of Fab. xv. 109
 Sepedon, (*Fab.*) xv. 715
 Sepidium, xiv. 566
 (*Fab.*) xiv. 550
 acuminatum, xiv. 550
 cristatum, xiv. 550. 567
 reticulatum, xiv. 550
 rugosum, xiv. 550
 tricuspidatum, xiv. 550. 567
 variegatum, xiv. 550
 vittatum, xiv. 550
 Sepsis, (*Fall.*) xv. 715
 Serica, (*Mach.*) xiv. 482
 Seraptia, (*Lat.*) xv. 23. 30
 Sericaria, (*Lat.*) xv. 609
 Sericomys, (*Meig.*) xv. 702
 Serricornes, xiv. 308
 Sericostoma, xv. 301
 Serropalpides, xv. 16
 Serropalpus, (*Illig.*) xv. 30
 (*Payk.*) xv. 18
 fuscus, xv. 23
 striatus, xv. 23, 24
 Sesia, xv. 598
 (*Fab.*) xv. 595
 Sesiades, xv. 598
 Shegalyra, to what it belongs, xv. 418
 fasciipennis, xv. 418
 Siagona, description of, xiv. 199
 depressa, xiv. 199
 description of, xiv. 296
 atrata, xiv. 199
 fuscipes, xiv. 199
 rufipes, xiv. 199
 sejus, xiv. 199
 Siagonum quadricorne, xiv. 296
 Sialis, (*Lat.*) xv. 299
 Sicus, (*Lat.*) xv. 692
 Sigalphus, (*Latr.*) xv. 363
 Silis, (*Meg. Dej.*) xiv. 338
 rubricollis, xiv. 338
 Silis spinicollis, xiv. 338
 Silk-worm, change undergone by, xiv. 80
 manner of feeding of the, xiv. 66
 Silk-worms, acid from, xiv. 73
 the cocoons of, xv. 668
 Silpha, (*Lin.*) xiv. 390. 391. 394. 398.
 400, 401. 426
 atrata, xiv. 396
 dispar, xiv. 395
 excrementitious, apparatus of the,
 xiv. 172. 308
 Indica, xiv. 394
 lachrymosa, xiv. 394
 lævigata, xiv. 396
 Laponica, xiv. 396
 littoralis, xiv. 394
 opaca, xiv. 396
 obscura, xiv. 396
 (proper,) xiv. 394
 Pedemontana, xiv. 396
 quadripunctata, xiv. 396
 reticulata, xiv. 396
 rugosa, xiv. 396
 sabulosa, xiv. 560. 570
 sinuata, xiv. 395
 subterranea, xiv. 397
 Surinamensis, xiv. 394
 thoracica, xiv. 395
 tristis, xiv. 396
 vespillo, xiv. 393
 with what confounded, xiv. 414
 Silphæ, larvæ of, xiv. 415
 Silphales, xiv. 390. 398
 Silvanus, (*Lat.*) xv. 88
 Silvius, (*Meig.*) xv. 697
 Simblephilus, (*Jur.*) xv. 379
 Simplicimana, probably include catas-
 copus, xiv. 188
 Simplicimani, description of, xiv. 211
 Simulia, xv. 733
 Simulium, (*Lat.*) xv. 689. 752
 Sinodendron, (*Fab.*) xiv. 460. 498. 501
 cornutum, xiv. 502
 digitatum, xiv. 461
 Siphonaptera, description of the, xiv. 154
 Sirex, xv. 404
 of Linnæus, xv. 358
 fuscicornis, xv. 405
 gigas, xv. 404, 405
 juvencus, xv. 405
 spectrum, xv. 405
 Sispes, (*Fab.*) xv. 365
 Sisyphus, xiv. 453
 Sitaris, xv. 51
 elytra of, xv. 46
 (*Lat.*) xv. 34
 Smerinthus, (*Lat.*) xv. 598
 Smythurus, description of the, xiv. 146
 Soldiers, what called, xv. 333

Solenorhinus, (*Schaen.*) xv. 60
 Sparasion, xv. 368
 Sparedrus, (*Meg.*) xv. 19
 Spærium, (*Charpent.*) xv. 175
 Specomyia, (*Lat.*) xv. 703
 Spercheus, (*Fab.*) xiv. 427
 Speridium, xiv. 401
 Spectrum, xv. 191
 of Stoll, xv. 173
 where found, xiv. 96
 Sphæridiota, xiv. 431
 Sphæridium, (*Fab. Gyll.*) xiv. 401
 of Fabricius, xiv. 432. 445
 Sphærites, (*Dufst.*) xiv. 391
 Sphærocera, (*Lat.*) xv. 712
 Sphæroderus, xiv. 231
 Sphecodes, (*Lat.*) xv. 382
 Sphegina, (*Meig.*) xv. 704
 Sphegydes, (*Lat.*) xv. 374
 Spheniscus, (*Kirb.*) xv. 13
 erotyloides, xv. 13
 Spherites, denticulation of, xiv. 390
 Spheix, (*Lat.*) xv. 374, 375
 (*of Linnæus*) xv. 359. 365. 373.
 377
 organs of touch of, xiv. 64
 Sphinx, (*Lin.*) xv. 595
 Atropos, xv. 597. 677
 achemænides, xv. 680
 celerio, where found, xiv. 90
 euphorbiæ, xv. 596
 fenestrina, xv. 599
 filipendulæ, xv. 600
 nerion, where found, xiv. 90
 ocellata, xv. 598
 proper xv. 596
 populi, xv. 598
 statices, (*Lin.*) xv. 600
 Sphinxes, seek plants and flowers, when,
 xiv. 61
 Sphinx tilæ, xv. 598
 Sphodrus, description of, xiv. 220
 complanatus, xiv. 221
 janthinus, xiv. 221
 terricola, xiv. 220
 Sphondylus, of Cordus, xv. 193
 Sphryracephala, (*Say.*) xv. 774
 Spider, instinct of, xiv. 104
 Spiders, heart of, xiv. 2
 Spinneret, what named, xv. 636
 Spondylis, (*Fab.*) xv. 99
 where placed, xv. 113
 Squillæ, heart of, xiv. 2
 Staphylini, general description of, xiv.
 301
 head of the, xiv. 302
 Staphylinos, of Aristotle, xv. 193
 Staphylinus, (*Lin.*) xv. 166
 description of, xiv. 288

Staphylinus æneus, xiv. 292
 alternans, xiv. 292
 amænus, xiv. 292
 atricapillus, xiv. 299
 aureus, xiv. 292
 bi-pustulatus, xiv. 299
 biguttatus, xiv. 294
 boleti, xiv. 298
 brunnipes, xiv. 292
 canaliculatus, xiv. 298
 clavicornis, xiv. 294
 collaris, xiv. 298
 cupreus, xiv. 292
 cyaneus, xiv. 292
 dilatatus, xiv. 291
 elegans, xiv. 292
 elongatus, xiv. 292, 293
 emarginatus, xiv. 299
 erythrocephalus, xiv. 292
 erythropterus, xiv. 292
 fulgidus, xiv. 292
 fulmineus, xiv. 292
 fuscipes, xiv. 299
 hirtus, xiv. 291
 hæmorrhoidalis, xiv. 292
 impresses, xiv. 298
 Juno, xiv. 294
 linearis, xiv. 293
 lunulatus, xiv. 299
 maxillosus, xiv. 291
 melanocephalus, xiv. 292
 minutus, xiv. 298
 murinus, xiv. 291
 ochraceus, xiv. 292
 oculatus, xiv. 292
 olens, xiv. 291
 pilosus, xiv. 292
 politus, xiv. 292
 (proper,) description of, xiv. 291
 pyropterus, xiv. 292
 pubescens, xiv. 292
 riparius, xiv. 294
 rufus, xiv. 290
 similis, xiv. 292
 socialis, xiv. 298
 stercorarius, xiv. 292
 striatus, xiv. 299
 strumosus, xiv. 299
 ulmi, xiv. 290
 Statyra, xv. 27
 Stelis, (*Panz.*) xv. 385
 Stenelytra, xv. 10
 supplement on the, xv. 21
 Stenepteryx, (*Leach*) xv. 719
 Steni, xiv. 305
 Stenocorus, (*Dalm.*) xv. 103
 (*Lin.*) xv. 112
 (*Oliv.*) xv. 111
 Cyaneus, xv. 111

- Stenoderus, (*Def.*) xv. 112
 Stenolophus, (*Deg.*) description of, xiv. 210
 vaporarium, xiv. 210
 Stenopterus, (*Illig.*) xv. 106
 Stenosis, (*Herb.*) xiv. 548
 Stenosthetus, of M. Megerle, xiv. 300
 Stenostoma, (*Lat.*) xv. 20
 Stenotrachelus, (*Payk.*) xv. 14
 Stenus, description of, xiv. 294
 Stephanus, (*Jur.*) xv. 361
 Brasiliensis, xv. 418
 Sternocera, xiv. 357
 Sternoxi, xiv. 309
 hepatic conduits of, xiv. 308
 how divided, xiv. 310
 Steropes, (*Stev.*) xv. 30
 Steropus Hottentota, xiv. 216
 Stigmatium, xiv. 375
 cicindeloides, xiv. 376
 Stigmodera, xiv. 357
 Stigmus, (*Jur.*) xv. 378
 Stilbium princeps, xv. 434
 Stilbum, of Spinola, xv. 369
 Stilichus, xiv. 294
 Stilponotus euripiformis, xv. 22
 new subgenus of, xv. 22
 Stizus, (*Lat.*) xv. 376
 Stomis, description of, xiv. 218
 pumicatus, xiv. 218
 Stomoxys, xv. 705
 (*Geoff.*) (*Fab.*) xv. 706
 the, xv. 767
 bite of the, xv. 722
 Stratyomys, xv. 758
 (*Geoff.*) xv. 700
 the, xv. 757
 a kind of aigrette in, xiv. 74
 Stratyomydes, of Latreille, xv. 757
 (*Lat.*) xv. 699
 Strebla, (*Dalm.*) xv. 719
 Stresiptera, of Mr. Kirby, xv. 681 *
 a vicious denomination, xiv. 25
 Strongylium, (*Kirb.*) xv. 14
 Strongylus, (*Herbst.*) xiv. 401
 Stygia, (*Draparnaud*) xv. 601
 Australis, xv. 601. 604
 Stygides, (*Lat.*) xv. 694
 antennæ of, xv. 694
 Stylops Childreni, xv. 684 *
 Styphlus, (*Schæen.*) xv. 60
 Subdipterus, xv. 37
 Subulicornes, xv. 304
 (*Lat.*) xv. 295
 neuroptera, xv. 296
 Suckers, xv. 391
 Sucking-insects, organs of manducation
 of, xiv. 9
 Suctoria, general remarks upon the, xiv.
 165
 Suctoria, description of the, xiv. 26. 154
 Suctorial insects, food of, xiv. 40
 Surveyors, what called, xv. 637
 Swimmers, description of, xiv. 243
 Sybines, xv. 60
 Sybistroma, xv. 696
 Sygnatha, xiv. 133
 Sylphs, frequent the snake root and sta-
 phelia, xiv. 60
 Sylvanis, xv. 589
 Sylvanus cænobites, xv. 589
 Synagris, of Fabricius, xv. 575
 (*Lat.*) xv. 380
 cornuta, xv. 575
 Synapha, (*Meig.*) xv. 688
 Synchrona, (*Helv.*) xv. 85
 Syndesus, (*Mack.*) xiv. 501
 cornutus, xiv. 502
 Synistata, of Fab., xv. 294
 Synistates, of Fabricius, xv. 390
 Synodendron, (*Fab.*) xv. 84
 Synotomis, (*Illig.*) xv. 600
 Synuchus, description of, xiv. 221
 Syphona, (*Meig.*) xv. 706
 Syrphæ, larvæ of, xv. 270
 Syrphidæ, the, xv. 701. 759
 Syrphides, proboscis of, xv. 705
 Syrphus, xv. 792. 760
 (*Fab.*) xv. 704
 food of the larvæ of, xv. 762
 proper, (*Lat.*) xv. 703
 Syrtes, (*Fab.*) xv. 219
 Syrtis fasciatus, xv. 242
 Systropha, (*Illig.*) xv. 383
 Systropus, (*Wied.*) xv. 706
 Syzygops, xv. 58

 Tabani, the, xv. 755
 bite of, xv. 722
 Tabanides, xv. 696
 the family of, xv. 755
 Tabanus, (*Lin.*) xv. 696
 autumnalis, xv. 757
 bovinus, xv. 756
 proper, xv. 697
 Tachina, (*Fab.*) xv. 707, 708, 709
 Tachinus, description of, xiv. 299
 Tachypori, with what associated, xiv.
 307
 Tachyporus, description of, xiv. 299
 chrysomelinus, xiv. 307
 Tachypus, description of, xiv. 233
 eyes of, xiv. 241
 Tagenia, (*Lat.*) xv. 548
 Tagona, of Fis., xiv. 546
 Tailors, what named, xv. 738
 Tamnophilus, xv. 60

- Tanypus, xv. 746
 (Meig.) xv. 684
 Tanyrhynchus, (Schœn.) xv. 60
 Tanystoma, xv. 690
 Tanystomata, wings of, xv. 695
 Taphria, description of, xiv. 221
 Tarpa, (Fab.) xv. 357
 Tarus, description of, xiv. 195
 Taupin, xiv. 324
 double-croix, xiv. 320
 Taxicornes, the, xv. 1
 Tefflus, of Megerle, xiv. 232
 description of, xiv. 232
 Teleas, (Lat.) xv. 368
 Telephori, change in food of, xiv. 66
 hepatic vessels of, xiv. 308
 where found, xiv. 371
 Telephorus, (Schœff.) xiv. 337
 biguttatus, xiv. 339
 fuscus, xiv. 372
 minimus, xiv. 339
 with what confounded, xiv. 366
 Temnoscheila splendens, xv. 93
 Temporanceros, xv. 733
 Tenecrium chamædryis, xv. 243
 Tenbrio, xiv. 559. 563; xv. 68
 (Fab.) xv. 99
 (Lin.) xiv. 542; xv. 87
 cadaverinus, xv. 3
 for cantharides, xv. 48
 chrysomelinus, xv. 3
 culinaris, xv. 3
 digitatus, xiv. 561
 dubius, xiv. 324
 fossor, xiv. 204
 grandis, xiv. 562
 how distinguished from Blaps,
 xiv. 567
 impressus, xv. 3
 lævigatus, xv. 140
 Mauritanicus, xv. 92
 molitor, xiv. 562. 569
 mortisaga, xiv. 553
 muricatus, xiv. 543. 566
 nitidulus, xv. 3
 numerous changes of, xiv. 256
 proper, (Lin.) xiv. 562
 retusus, xv. 3
 Tenebrionites, xiv. 558. 563
 Tengra, (Lat.) xv. 374
 Tenthredinæ, xv. 357. 397
 Tenthredineta, xv. 354
 Tenthredo, xv. 430
 of Linnæus, xv. 354. 397
 eggs of, xv. 423
 ovalis, xv. 399
 pine, xv. 399
 proper, xv. 356. 400
 rosæ, xv. 398
 Tentyria, xiv. 566
 (Lat.) xiv. 545
 Tenypeza, (Meig.) xv. 713
 Tephrites violacea, xv. 779
 Tephritis, (Fab.) xv. 711. 715
 (Lat.) xv. 716
 dictya, (Fab.) xv. 716
 Terebrant hymenoptera, xv. 394
 Terebrantia, xv. 354
 Termes, xiv. 92
 (Lin.) xv. 300
 arborum, xv. 337, 338
 atrox, xv. 337, 338
 bellicosus, xv. 333. 337. 339,
 340
 destructor, xv. 337. 345
 fatalis, xv. 338. 345
 lucifugus, xv. 342
 mordax, xv. 337, 338
 morio, xv. 345
 pulsatorius, xiv. 381
 Termites, society of, xiv. 118
 arborum, xv. 339
 are omnivorous, xiv. 23
 bellicosi, xv. 341
 enemies of the, xv. 335
 habits of, xv. 332
 infancy of, xiv. 117
 military, xv. 344
 neuters among, xiv. 19. 78
 society of, xiv. 115
 soldiers among the, xiv. 114
 viatores, xv. 340
 Termitinæ, xv. 299, 300
 Tesseratoma of M. Peltier, xv. 218
 ossa cruenta, xv. 239
 Tetanocera, (Dumeril) xv. 714
 (Lat.) xv. 715
 Tetanops, (Meig.) xv. 716
 Tetragonoderus, description of, xiv. 212
 Tetramera, xv. 52
 Tetraonyx, (Lat.) xv. 33
 Tetraopes, xv. 108
 Tetraptera of Geoffroy, xv. 389
 with farinaceous wings, xv. 230
 Tetratoma, xv. 8
 (Herbs.) xv. 4
 fungorum, xv. 9
 Tetryx, (Lat.) xv. 177
 Tetyra, xv. 232
 (Fab.) xv. 217
 Tettigometra, xv. 224
 Tettigonia, xv. 263
 (Fab.) xv. 223
 rosæ, xv. 263
 (Germ.) xv. 226
 wings of, xv. 230
 Tettigoniæ, food of, xv. 232
 gallinsectæ, food of, xiv. 68

- Tettix, Kirby's, remarks on, xv. 254
 Teucer papilio, where found, xiv. 95
 Thanatophilus, (*Leach*) xiv. 395
 Thais, xv. 583
 (*Fab.*) xv. 585
 Thanasimi, xiv. 374
 Thanasimus, (*Lat.*) xiv. 345
 Therates, description of the, xiv. 181
 Theratus marginatus, xiv. 180
 Thereva, (*Fab.*) xv. 708
 (*Lat.*) xv. 695
 Thoracanta, (*Lat.*) xv. 365
 Throscus, (*Lat.*) xiv. 318
 Thrips, (*Lin.*) xv. 227
 habits of, xv. 267
 Thylacites, xv. 58
 Thymalus, (*Latr.*) xiv. 400
 limbatus, xiv. 400
 Thynnus, (*Fab.*) xv. 374
 Tyhrophora, (*Lat.*) xv. 712
 Thyris, (*Hoff.*) xv. 599
 Thysania, (*Dalm.*) xv. 613
 Thysanoura, description of the, xiv. 143
 Thysanura, description of, xiv. 26
 Ticks, attach themselves to dogs, xiv. 164
 Tilli, where found, xiv. 376
 Tillus, (*Oliv.*) xiv. 343. 347
 damicornis, xiv. 347
 dermestoides, xiv. 347
 Wiberi, xiv. 347
 elongatus, xiv. 343
 serraticornis, xiv. 347
 Timarcha, (*Meg.*) xv. 140
 Timia, (*Meig.*) xv. 717
 Timiæ, (*Wied.*) xv. 716
 Tinea, xv. 625
 (*Lin.*) xv. 227
 colonella, xv. 624
 the corn, xv. 627
 evonymella, xv. 626
 flavifrontella, xv. 626
 Geoffroyella, xv. 627
 granella, xv. 626
 granella, food of, xiv. 68
 habits of, xv. 679
 harisella, xv. 627
 hordei, food of, xiv. 68
 larvæ of, xv. 93
 majorella, xv. 627
 padella, xv. 627
 pellionella, xv. 626
 rufimitrella, xv. 627
 sarcitella, xv. 626
 tribunella, xv. 624
 Tineæ, (*Lin.*) xv. 620
 metamorphosis of, xiv. 83
 Tineites, (*Lat.*) xv. 620
 Tingis, (*Fab.*) xv. 219
 Tingis clavicornis, xv. 243
 peculiarity of, xv. 242
 Tiphia, (*Fab.*) xv. 374
 Tipula, (*Lat.*) xv. 684
 of Linnæus, xv. 725
 erythrocephala, xv. 752
 oleracea, xv. 750
 proper, (*Lat.*) xv. 685. 750
 variegata, xv. 746
 variegata, nymph of, xv. 747
 Tipulæ caliciformes, xv. 738
 food of, xiv. 69
 metamorphosis of the, xiv. 83
 Tipularia, resemble the suctoria, xiv. 154
 Tipulariæ, the, xv. 738
 (*Lat.*) xv. 684
 of Latreille, where found, xv. 731
 eggs of, xv. 740
 larvæ of the, xv. 739
 prolific nature of, xv. 741
 Tipules couturières, xv. 738
 Titanura, (*Meig.*) xv. 713
 Tmesisternus, (*Lat.*) xv. 107
 Tomicus, (*Lat.*) xv. 82
 Tortrices, xv. 617
 Tortrix dentata, xv. 617
 Tourniquet, xiv. 251
 Toxotus, (*Dej.*) xv. 112
 Toxicum, (*Lat.*) xiv. 561
 richesianum, xiv. 561
 Toxophora, (*Meig.*) xv. 693
 fulva, xv. 779
 Trachelides, xv. 26. 35
 Trachelus, (*Jur.*) xv. 358
 Trachodes, (*Schoen.*) xv. 60
 Trachusa, (*Jur.*) xv. 384
 Trachyderes, (*Dalm.*) xv. 102
 Trachynotus, (*Lat.*) xiv. 550
 Trachys, xiv. 357
 in what comprehended, xiv. 313
 Trachyscelis, (*Latr.*) xv. 4
 Tragocerus, (*Dej.*) xv. 107
 Tragopa, (*Lat.*) xv. 225
 Trechus, description of, xiv. 242
 rubens, xiv. 242
 Tryphyllus, of Megerle & Dejean, xiv. 403
 Trémaeres, what so named, xiv. 4
 Trephtitis, (*Lat.*) xv. 716
 Tresia, Lacordairei, (*Dej.*) xiv. 264
 Trichiopoda, (*Lat.*) xv. 708
 Trichius, xiv. 483
 of Fabricius, xiv. 489. 491
 barbatus, xiv. 493
 changes and habits of, xiv. 529
 eremita, xiv. 492
 fasciatus, xiv. 492. 529

- Trichius hemipterus*, xiv. 492
 nobilis, xiv. 491
 succinctus, xiv. 529
Trichocera, (*Meig.*) xv. 636
Trichocoryne, xiv. 306
Trictenotoma, xiv. 534
 Childreni, xiv. 534
Tricodes cyaneus, xiv. 343
Trichodes, biliary vessels of the, xiv. 153
 food of the, xiv. 152
 (*Fab.*) xiv. 345
 alviarius, xiv. 346
 apiarius, xiv. 346. 374
Tricognatha, description of the, xiv. 192
 margipennis, xiv. 192
Tricondyla, description of the, xiv. 182
 size of the, xiv. 181
Trydactyli, xv. 196
Tridactylus, (*Oliv.*) xv. 174
Trigonosoma perilampiformis, xv. 774
Trilobites, between myriapoda and crustacea, xiv. 137
Trimera, xv. 156
Trineura, (*Meig.*) xv. 717
Triongulin des andrenettes, xiv. 153
Triplax, (*Fab.*) xv. 155
Trips, palpi of, xv. 216
Tritoma, xiv. 401
 (*Fab.*) xv. 155
 (*Geoff.*) xv. 87
 bipustulatum, xv. 155
Trixa, (*Meig.*) xv. 708
Trixagus, (*Kugel*) xiv. 318
Trogides, (*Macleay*) xiv. 466
Trogoderma, (*Latr.*) xiv. 406
Trogosita, (*Fab.*) xiv. 561; xv. 88. 155
 (*Oliv.*) xv. 88
 calcar, xiv. 562
 squamosa, xv. 93
 blue, xv. 92
 carraboides, xv. 92
Trogus, xiv. 247
Trojan-knights, of Linnaeus, xv. 584
Tropidia, (*Meig.*) xv. 705
Trox, xiv. 508
 of *Fab.* and *Olivier*, xiv. 467
 dubius, xiv. 412
 horridus, xiv. 467
 spinicornis, xiv. 466
Truncatipennes, description of the, xiv. 183
Truxales, stigma of the metathorax of, xiv. 3
Truxalis, (*Fab.*) xv. 176
Trypananeus, xv. 91
Tryphyllus, (*Dej.*) xv. 87
Trypoxylon, (*Fab.*) xv. 378
 (*Lat.*) xv. 377
Cuv. Index.
- Trypeta*, (*Meig.*) xv. 716
Tubicen, (*Dej.*) xv. 54
Turdus gryllivora, xv. 214
Turf-ants, emigration of, xv. 453
 instinct of the, xv. 464
Tychus (*Leach.*) xv. 167
Tylode, xv. 62
Uleoïota, (*Lat.*) xv. 95
 flavipes, xv. 96
Ulidia, (*Meig.*) xv. 717
Ulocerus (*Schoen.*) xv. 55
Uloma, (*Dej.*) xv. 2
Ulomo, (*Meg. & Dej.*) xv. 3
Ulonata, of *Fab.*, xv. 169. 178
Ulosomus, (*Schoen.*) xv. 62
Upis, (*Fab.*) xiv. 562
 ceramboïdes, xiv. 562
Urania, (*Fab.*) xv. 593. 594
Urocerata, xv. 358. 403
Urocerus, (*Jur.*) xv. 358
Urophora Hardwickii, xv. 261
Usia, (*Lat.*) xv. 693
Vaguevague, what called, xv. 346
Vanessa, (*Fab.*) xv. 587
 morio, xv. 587
Vappo, (*Lat.*) xv. 701
Velia, (*Lat.*) xv. 221
Veliae, the, xv. 248
Vermillon, xv. 291
Vers polypes, xv. 744
Vertebralia, insects next in rank to, xiv. 33
Verrucivora, experiment upon, xv. 203
Vespa, (*Lin.*) xv. 365. 380
 chartaria, xv. 528
 crabro, xv. 517
 habits of, xv. 516
 minuta, xv. 365
 muraria, xv. 524
 nidulans, xv. 527
 proper, (*Lat.*) xv. 381
 vulgaris, xv. 517
Vespariae, xv. 380. 516
Vesperus, (*Dej.*) xv. 111
Vipion, xv. 363
Volucella, xv. 759
 (*Geoff.*) xv. 702
Vrillettes, xiv. 379
Walking-leaves, what named, xv. 191
Wasp, appearance of reason in a, xiv. 109
 the common, xv. 517
O o

- Wasp, curious experiment upon the eyes
 of, xiv. 46
 nest of the common, xv. 519
- Wasps, the, xv. 380
 combats amongst the, xv. 523
 crowd plants and flowers, when,
 xiv. 61
 habits of the, xv. 516
 how destroyed, xv. 200
 instinct of the paste-board, xv.
 528
 nests of the paste-board, xv. 529
 metamorphosis of, xiv. 118
 method of destroying, xv. 523
 nests of, xiv. 119
 neuters among, xiv. 19. 78
 pedicle of, xiv. 52
 size of, xiv. 96
 society of, xiv. 114
 sting of, xv. 389
 temporary society of, xiv. 120
 wings of, xiv. 16
- Water-scorpions, xv. 248
- Wax-moth, xv. 563
- White-ants, xv. 332
- White-worm, what so called, xiv. 447.
 480
- Wimbles, xiv. 379
- Winged insects, thorax of, xiv. 11
- Wood-ants, xv. 464
- Wood-lice, xv. 346
 metamorphosis of, xiv. 82
 moulting of the, xiv. 142
 roll themselves in a ball, xiv.
 129
 what called, xv. 345
- Worms, description of, xiv. 38
 of flies, (improperly so called,) xiv. 84
 remark of Aristotle respecting, xiv. 80
- Xantholinus, xiv. 292
- Xenops, lenses in the eye of, xiv. 48
- Xestomyza, (*Wied.*) xv. 693
- Xiphydria, (*Lat.*) xv. 353
- Xorides, (*Latr.*) xv. 361
- Xya, (*Illig.*) xv. 174
- Xya variegata, xv. 174
- Xyela, (*Dalm.*) xv. 357
- Xyla variegata, xv. 196
- Xylita, (*Payk.*) xv. 17
- Xyphicera, (*Lat.*) xv. 176
- Xylocopa, (*Fab.*) xv. 384
 (*Lat.*) xv. 383
- Xylophagi, xv. 81. 83
- Xylophagus proper, xv. 699
- Xylophili, xiv. 467
- Xylophilus, of Bonelli, xv. 53
- Xylota, xv. 705
- Xylotrogi, xiv. 309. 352
- Xysta, (*Meig.*) xv. 709
- Xytelinus, (*Lat.*) xiv. 350
- Yellow ant, xv. 443
- Ypsolophus, (*Fab.*) xv. 625
- Yponomeuta, (*Lat.*) xv. 626
- Zabrus, description of, xiv. 211
 gibbus, xiv. 211
- Zancudos culices, xv. 733
- Zeli, the, xv. 244
- Zelima, (*Fab.*) xv. 584
- Zelus, (*Fab.*) xv. 220
 rufescens, xv. 244
- Zethus, (*Fab.*) xv. 381
- Zeuzera, (*Lat.*) xv. 604
- Ziroporus coriaceus, xiv. 306
- Zodion, (*Lat.*) xv. 706
- Zonitis, xv. 51
 (*Fab.*) xv. 33, 34
 larvæ of, xv. 44
- Zoophytes, description of, xiv. 37
- Zophosis, xiv. 566
 (*Lat.*) xiv. 544
 (*Germ.*) xiv. 544
- Zuphium, description of, xiv. 190
- Zygæna, xv. 599
 (*Fab.*) xv. 595
- Zygænidæ, xv. 599
- Zygia, (*Fab.*) xiv. 341
 oblonga, xiv. 341
- Zygops, xv. 62
- Zyrophorus, description of, xiv. 296
- Zygothrica dispar, xv. 774.

ALPHABETICAL TABLE

OF

AUTHORS QUOTED IN THIS WORK.

In explaining the abbreviations employed to indicate the numerous writers necessarily referred to in this work, it has been thought useful to give the reader a general idea of their profession, the period of their birth and decease, and of the character of their writings.

ABILD.—**ABILDGAARDT** (Peter Christian), a Danish naturalist ; Professor at Copenhagen, died in 1808.

One of the continuers of the *Zoologia Danica* of Müller, and author of various Memoirs published among those of the Society of Natural History, and of The Royal Society of Sciences of Copenhagen, as well as of the Society of Naturalists of Berlin.

ACAD. DES SC.

I thus quote the "*Mémoires de l'Académie des Sciences*," of Paris, of which one quarto volume was annually published from 1700 to 1790.

I have also occasionally quoted the "*Mémoires des Savans Etrangers à l'Académie*," eleven volumes, from 1750 to 1786.

I have also frequently quoted the "*Mémoires of the Academy of Berlin*" from 1819, and the new ones of the *Academia Naturæ Curiosorum* of Bonn, from Vol. IX. 1818, at which period they assumed their new form.

For those of the Academy of Petersburg, see Peterob. or Petrop.

ACOSTA or rather **MENDEZ DA COSTA** (Emmanuel), a Portuguese naturalist, resident in London.

"*Historia Naturalis Testaceorum Britannia*," 1 vol. 4to. London, 1778.

ADANSON (Michael), born at Aix

in 1727, and died in Paris 1806, Member of the Académie des Sciences, and one of the first naturalists who attempted the classification of Shells according to their animals.

"*Histoire Naturelle des Coquillages du Sénégal*," 1775, 1 vol. 4to.

AGASSIS, a German naturalist.

Editor of the "*Fishes of Spix*," and author of Memoirs in the *Isis*.

AHR.—AHRENS.

"*Augusti Ahrensii, Fauna Insectorum Europæ*, fascic. I—XII."

ALB. or ALBIN.—**ALBIN** (Eleazar), an English painter.

"*A Natural History of Birds*," 3 vols. 4to. London, 1731—33, containing 306 indifferent coloured plates.

"*A Natural History of Spiders*," 1 vol. 4to. with plates. London, 1736.

ALBINUS (Bernard-Sigefroy) Professor at Leyden, and one of the great anatomists of the eighteenth century, born at Frankfort in 1697, died in 1770.

We have only had occasion to quote him for the description of the *Pennatulæ* inserted in the "*Annotationes Academicæ*," 8 Nos. in 4to. Leyden, 1754—1768.

ALDROV. OR ALDR.—ALDROVANDI (Ulysse), a nobleman of Bologna, Professor of the University of Bologna, born 1525, died blind, 1605.

His "Natural History," in fourteen vols. folio, from 1599 to 1640, eleven of which are on the subject of animals, was mostly published by his successors. The third volume of the Ornithology and the first of the Insects were the only ones published during his life. It is an undigested and wearisome compilation.

AMOR.—AMOREUX (N.), a physician of Montpellier.

"Notice des Insectes de la France, réputés Venimeux," 1 vol. folio, with plates. Paris, 1786.

"Description Méthodique d'une espèce de Scorpion commune à Souvignargues, en Languedoc." *Journal de Physique*, XXXV.

ANDERS.—ANDERSON (John), a merchant and burgomaster of Hamburg, born in 1674, died in 1743.

"Histoire Naturelle de l'Islande du Groënland," &c. 2 vols. 8vo. Paris, 1750.

This work, although antiquated and superficial, is still the principal source of our information relative to the Cetacea.

ANDRÆ (John Gerard Reinhard), druggist at Hanover, born in 1724, died in 1793.

"Letters written from Switzerland to Hanover, 1763," in the German Language. They were at first printed separately in the Hanover Magazine for 1764-65, and republished in 1 vol. 4to. Zurich, 1776.

ANN. MUS. OR DU MUS.—"Annales du Muséum d'Histoire Naturelle de Paris," by the professors of that establishment, 20 vols. 4to, from 1802 to 1813.

This work is continued under the title of:

"Mémoires du Muséum d'Histoire Naturelle," &c. Paris, 1815, et seq. Eighteen volumes have been published.

ARGENV.—ARGENVILLE (Antoine Joseph Des-Alliers d'), maître

des Comptes of Paris, born 1680, died 1765.

"L'Histoire Naturelle Eclaircie dans une de ses principales parties, la CONCHYLOGIE," 4to. first edition. Paris, 1742; the second augmented by the addition of the Zoomorphose, *ibid.*, 1757; the third augmented by M. Favaune, 2 vols, *ibid.*, 1780.

ARTED.—ARTEDI (Peter), a Swedish naturalist, and a friend of Linnæus, born in 1705, drowned at Amsterdam in 1735.

His work on Fishes was published by Linnæus. "P. Artedi Ichthyologia sive Opera Omnia de Piscibus," 1 vol. 8vo. Leyden, 1738.

The edition of Walbaum, "Artedius Renovatus," 5 vols. 8vo. Gripswald, 1788-89 is greatly augmented, but by an injudicious compiler.

ASCAN.—ASCANIUS (Peter), Professor at Copenhagen.

Author of five numbers in folio, the first containing "Coloured Illustrations of the Natural History of the North," from 1767 to 1779.

AUDEB.—AUDEBERT (Jean-Baptiste), a painter at Paris, born in Rochefort, 1759, died 1800.

"Histoire Naturelle des Singes et des Makis," folio, Paris, 1800, with sixty-two plates drawn from the stuffed specimens in the Museum.

"Oiseaux Dorés ou à Reflets Métalliques," 2 vols. folio, Paris, 1802.

AUD.—AUDOUIN (Jean-Victor), Doctor of Medicine, sub-librarian to the Institute of France, assistant naturalist to Messrs. de Lamarck and Latreille at the Jardin du Roi, and member of various societies, born in Paris, 27th of April 1797.

"Anatomie d'une Larve Apode" (Conops), found in a Bombus lapidarius, by Messrs Lachat and Audouin, 1818.

"Mémoire sur les rapports des Trilobites avec les Animaux Articulés," published with plates in the *Annales Générales des Sciences Physiques*, VIII. p. 233.

"Mémoires sur l'Achlysie, Nouveau Genre d'Arachnide," published with plates in the *Mem. Soc. d'Histoire Naturelle*, II. 497.

- "Note on a new species of *Achlysia*," *Id.* II. 497.
- "Lettres sur la Génération des Insectes adressée à l'Académie des Sciences," published in the *Annales des Sciences Naturelles*, II. p. 281.
- "Recherches Anatomiques sur la Famille du Drele et sur le Mâle de cette Espèce," published with plates in the *Annales des Sciences Naturelles*, II. p. 443.
- "Recherches Anatomiques pour servir à l'Histoire Naturelle des Cantharides," published with plates in the *Annales des Sciences Naturelles*, IX. p. 31.
- "Prodrome d'une Histoire Naturelle, Chimique, &c., des Cantharides," a medical thesis for the degree of M.D., 4to. Paris.
- "Mémoire sur la Nicotioë," a new genus of the Crustacea which lives on the blood of the Lobster. Messrs Audouin and Milne Edwards, published in the *Annales des Sciences Naturelles*, IX. p. 345.
- "Mémoire sur l'Anatomie et la Physiologie des Crustacés," published in the same work.
- "Explication Sommaire, &c." of the plates in the great work on Egypt, the publication of which had been interrupted by the indisposition of M. Savigny. To M. Audouin also, in conjunction with M. Geoffroy Saint-Hilaire, we are indebted for the description of the Mammalia.
- "Observations pour servir à l'Histoire de la Formation des Perles," inserted in the *Mémoires du Muséum d'Histoire Naturelle*, 1829.
- "Mémoires sur plusieurs Mollusques, entre autres sur la Glycimère, sur une Clavagelle vivante, genre Siliquaïre, et sur le genre Magile," presented to the Académie des Sciences in 1829, and republished from that work in the review of the *Annales des Sciences Naturelles*.

With MILNE EDWARDS.

- "Résumé d'Entomologie ou d'Histoire Naturelle des Animaux Articulés," 2 vols. 18mo. Paris, 1829.
- "Histoire Naturelle des Animaux du littoral de la France," still in MS.

AZZ.—DE AZZARA (Don Felix) a Spanish officer, born 1746, has given us two excellent works on the natural history of Paraguay.

- "Essai sur l'Histoire Naturelle des Quadrupèdes du Paraguay," trans-

lated from the manuscript by M. Moreau de Saint-Méry, 2 vols. 8vo. Paris, 1801.

- "Voyages dans l'Amérique Méridionale de 1781, jusqu'en 1801," translated by Mr. Walckenaer, 4 vols. 8vo. Paris 1809. The last two volumes, translated by Sonnini, contain the natural history of the birds of Paraguay.

BAJON, formerly staff-surgeon at Cayenne.

- "Mémoires pour servir à l'Histoire de Cayenne," &c., 2 vols. 8vo. Paris. 1777. They contain some details relative to the animals of that country.

BARR.—BARRERE (Pierre), Professor at Perpignan, died 1755.

- "Essai sur l'Histoire Naturelle de la France Equinoxiale," 1 vol. 12mo. Paris, 1741.
- "Ornithologiæ Specimen Novum," 1 vol. 4to. Perpignan, 1745.

BARTON (Benjam. Smith) an American naturalist and Professor at Philadelphia, died 1816.

- "A Memoir on the power of fascination attributed to the Rattlesnake," 1 vol. 8vo. Philadelphia, 1796.
- "Facts, Observations, and Conjectures on the generation of the Opossum," pamphlet in 8vo. Philadelphia, 1801.
- "Some Notice of the *Sirena lacertina*, and of another species of the same genus," pamphlet, 8vo. Philadelphia, 1808.
- "Memoir on a Reptile called the Hell-bender," pamphlet, 8vo. 1812. It is the *Salamandra gigantea*.

BARTRAM (William).

- "Voyage dans les parties sud de l'Amérique Septentrionale," translated from the English by M. Benoits, Paris, 2 vols. 8vo.

BAUD.—BAUDET DE LA FACE (Marie-Jean).

- "Essai sur l'Entomologie du Département du Puy-de-Dôme," a Monograph of the Lamellicornes, 1 vol. 8vo. Clermont, 1809.

BAST.—BASTER (Job), a Physician of Harlaem, fellow of the Royal Society of London, born 1711, died 1775.

- "Opuscula Subseciva," 1 vol. 4to.

divided into two volumes with plates, Harlaem, 1764 and 1765.

BASTEROT (B. de), a Lawyer.

"Mémoire Géologique sur les Environs de Bourdeaux," 8vo. Paris, 1825.

BEAUV.—BEAUVOIS (Palisot de).
See Palisot.

BECHST. or BECH.—BECHSTEIN (J. M.), a naturalist of Saxony,
born 1757.

"The Common Natural History of Germany," 4 vols. 8vo. Leipsig, 1801—1809, in the German language. It only treats of the Quadrapeds and Birds.

BELL (Thomas).

Author of various Memoirs on Reptiles in the Linnean Transactions, Zoological Journal, &c.

BEL.—BELON (Pierre), a Physician at Mans, and a Professor of the College of France, born 1517, died 1564.

"Observations faites dans ses Voyages en Orient," 1 vol. 4to. 1553.

"Histoire des Poissons," 1 vol. 8vo. Transv., 1551.

"Histoire Naturelle des étranges Poissons Marins, et Description du Dauphin, &c." 1 vol. 4to. 1551.

"Histoire Naturelle des Oiseaux," 1 vol. folio, 1551.

BENNET (E. T.), an English naturalist.

Author of several Memoirs in the Zoological Journal.

BENNET (J. Whitchurch), an English naturalist.

"Natural History of the Fishes of Ceylon," of which but two numbers, in 4to. are yet published. The plates are beautiful.

BERGIUS (Peter-Jonas), a Swedish naturalist, Professor at Stockholm, died 1790.

Quoted as author of certain Memoirs among those of Stockholm.

BESEKE (John Melchior Theophilus), Professor at Mittau in Courland, born 1746. Author of

"Materials for the History of the

Birds of Courland" (in German), 8vo. 1792, Mittau and Leipzic.

BENDANT (F. S.), a French naturalist, &c., member of the Académie des Sciences, quoted for his

Memoirs on Shells, published in the Annales du Muséum.

BESLER or MUS. BESLER (Michael Robert), a physician at Nuremberg, born 1607, died 1661.

"Rariora Musei Besleriani," folio, 1716.

BLAINV.—BLAINVILLE (Henri Ducrotay de), adjunct Professor to the Faculté des Sciences, and member of the Académie des Sciences.

I quote several of his Memoirs on all the branches of Zoology, published in the Annales du Muséum, Bulletin des Sciences, Journal Physique, and his articles Mollusques and Vers, in the Dictionnaire des Sciences Naturelles. The first is printed separately under the title of MALACOLOGIE. Paris and Strasb., 8vo, 1828, with 1 vol. of plates.

"Mémoire sur les Bélemnites," 4to. Paris, 1827.

"Essai d'une Monographie de la Famille des Hirudinées," 8vo. Paris, 1827.

BL.—BLOCH (Mark-Eleazer), a Jewish physician in Berlin, born at Anspach 1723, died 1799. His

"Ichthyology, or General and Particular History of Fishes," in twelve numbers, folio, with 432 plates, Berlin, 1785—1796, is far from being general. It only contains such species as he could procure, and almost all the foreign ones are badly coloured. His "Systema, Ichthyologie"—see SCHNEIDER—also includes the species of other authors, but arranged in a fantastic manner.

"A Treatise on the Generation of Intestinal Worms" (in German), 4to. Berlin, 1782.

BLUM. or BLUMENB.—BLUMENBACH (John Frederick), Professor of Medicine and Natural History at Gottingen.

"Manual of Natural History," 8th edition (in German), 1 vol. 8vo.

Gottingen, 1807. There is also a French translation of the same by M. Artaud, 1 vol. 8vo. Metz, 1803.

"Plates of Natural History" (Abbildungen), 10 numbers, 8vo. each consisting of 18 plates. Gottingen, 1796-1810.

BoccONE (Paul), a Bernardine monk of Sicily, born in 1633, died 1704.

"Recherches et Observations Naturelles," &c., 1 vol. 12mo. Paris, 1671.

BODD.—BODDAERT (Peter), Physician, &c., of Flessingen, in Zealand.

"Elenchus Animalium, vol. I. sistens Quadrupedia," 8vo. Rotterdam, 1785. The sequel has not appeared.

Four letters on as many animals of the Cabinet of Schlosser, and on the *Lacerta amboinensis*.

BOHATSCH (John Baptist), Professor at Prague, died 1772.

"De quibusdam Animalibus," &c. 1 vol. 4to. Dresden, 1761.

This work contains some good observations on certain Mollusca and Zoophyta.

BOIE, a young naturalist of Kiel, who died in Java. His voyage was undertaken for scientific purposes.

He had prepared extensive materials for publication on the Reptilia.

BOJANUS (Louis Henry), a German naturalist, Professor at Vilna, died 1828.

"Monograph of the Fresh-water Tortoises of Europe," folio, Vilna, 1819, an excellent work. He was also the author of several Memoirs in the Isis.

BOISD.—BOISDUVAL (J. A.), physician and curator of the cabinet of count Dejean.

"Essai sur une Monographie des Zygenides," 1 vol. 8vo. with plates. Paris 1829.

"Europæorum Lepidopterorum Index Methodicus," added to the Essay, &c. He has lately, jointly with Major de Conte of the United States army, published the first three numbers of another work, entitled

"Histoire Générale et Iconographie des Lépidoptères ou des Chenilles de l'Amérique Septentrionale," 8vo. Paris. The same gentleman in conjunction with count Dejean, has also published the first numbers of another, called the "Iconographie et Histoire Naturelle des Coléoptères d'Europe," 8vo. Paris, 1827.

He has also described some new species of Lepidoptera in the *Annales de la Société Linnéenne de Paris*.

BOMME (Leonard), a physician in Zealand.

Author of certain Memoirs published among those of the Society of Sciences of Flessingen, or Flushing.

BON, or BONAN.—BONANNI, or rather **BUONANNI** (Filippo), a jesuit professor at the college of Rome, born 1638, died 1725. He was an assiduous observer, but we have only quoted his work entitled

"Recreatio Mentis et Oculi in Observatione Animalium Testaceorum," 1 vol. 4to. Rome, 1684.

BONAP. or CH. BONAP.—Bona-parte (Charles Lucien), Prince of Musignano, son of the prince of Canino.

Author of an excellent Supplement to Wilson's American Ornithology, and of several memoirs in the *Annals of the Lyceum of New York*.

BONNAT.—BONNATERRE (the Abbé), Professor of natural history at Tulle.

He superintended the engraving of the plates of the Vertebrata for the *Encyclopedie Methodique*, and gave the text for those of the Reptiles and Fishes.

His figures generally are copied from authors, and not always judiciously selected.

BONEL.—BONELLI (Francesco), director of the Cabinet of Natural History, and professor of Zoology at Turin.

"Catalogue of the Birds of Piedmont," pamphlet, 4to, 1811.

"Entomological Observations," in two parts, published in the *Memoirs of the*

Academy of Sciences of Turin. They treat of the genus *Carabus* of Linnæus, or of the Carabici.

He also published other Memoirs, of which we may particularly notice the "Descrizione di sei nuovi Insetti Lepidopteri della Sardegna," in the thirtieth volume of the same collection.

BONNET (Charles), a celebrated philosopher and naturalist of Geneva, born in 1720, died 1793. We only quote his

"*Traité d'Insectologie*," 2 vols. 8vo. Paris, 1745, and in the first volume of his works in 4to. Neuchâtel, 1769.

BONT.—**BONTIUS (Jacques)**, physician general at Batavia in the commencement of the seventeenth century.

"*Historiæ Naturalis et Medicæ Indiæ Orientalis, libri VI.*" printed as a sequel to the work of Pison, "*De Indiæ utriusque re Naturali et Medica.*"

BORLASSE (William), an English clergyman, curate in the county of Cornwall, born in 1696, died 1772.

"*Natural History of Cornwall*," 1 vol. folio. Oxford, 1758.

BORN (Ignatius de), a Transylvanian naturalist and celebrated mineralogist, born 1742, died 1791.

"*Testacea Musei Cæsarei Vindobonensis*," 1 vol. folio. Vienna, 1780.

BORY-SAINT-VINCENT, a naturalist of Bordeaux, who accompanied Captain Baudin to the Isle of France, and late president of the Commission of Natural History in the Moëre.

"*Voyage aux quatre principales isles d'Afrique.*" This work, which we have quoted, contains various interesting Zoological observations.

"*Essai d'une Classification des Animaux Microscopiques*," 8vo. Paris, 1826. He also furnished the explanations of the latter part of the plates of the article *Vers*, in the *Encyclopédie Méthodique*.

"*Essai Monographique sur les Oscillaires*," 8vo. Paris, 1827.

Various articles in the *Dictionnaire Classique d'Histoire Naturelle*, of which he is the principal editor.

Bosc (Louis), member of the Académie des Sciences.

Author of numerous memoirs in the *Actes de la Société de l'Histoire Naturelle*, the *Bulletin des Sciences*, &c. and of the *Histoires Naturelles des Vers*, des *Coquilles* et des *Crustacés*, which form a sequel to *Déterville's* small edition of *Buffon*.

BOSMAN (Win.), a Dutch merchant, who lived in the seventeenth century.

"*A Voyage to Guinea*," 1 vol. 8vo., Utrecht, 1705, containing original notes on various animals.

BOUD.—**BOUDIER (Henri Philippe)**, druggist,

Has published in the *Annales de la Société Linnéenne de Paris*, the description of a new species of *Lema* for the *Faune Française*.

BOURGUET (Louis), professor at Neuchâtel, born 1678, died 1742.

"*Traité des Petrifications*," 1 vol. 4to. Paris, 1742.

BOWDICH, an English naturalist.

Author of a *Journey to Ashantee*, and of a *Voyage to Madeira*, which contain various observations relative to natural history.

BOWDICH (Mrs.) now **Mrs. LEE**.

Is publishing a *History of the Fresh-water Fishes of Great Britain*, with splendid plates. London 1828, 1829.

BRANDER (Gustavus), an English naturalist, died 1787.

"*Fossilia Hantoniensis Collecta et in Museo Britannico deposita*," 4to. London, 1766.

BRANTZ, a young Dutch naturalist.

"*Memoir of the Euriotis*," the same *Rat* as our *Otomys*.

BREBIS.—**BREBISSE**, member of the Société Linnéenne of Calvados.

"*Catalogue Méthodique des Crustacés Terrestres, Fluviaux et Marins, recueillis dans le département du Calvados*," 8vo.

BREHM (Christian-Louis), a German clergyman.

"Materials for a History of Birds" (in German), 3 vols. 8vo. Neustadt, 1820. 1822.

BREMSEB, curator of the imperial cabinet of Vienna.

"On the Worms that inhabit living Man" (in German), 4to. Vienna, 1819. It has been translated into French by Dr. Grundler, with additions by M. de Blainville, 8vo. Paris, 1824.

BREYN.—**BREYNJUS** (J. Philip), a naturalist and physician of Dantzick, born 1680, died 1764.

"Dissertatio de Polythalamis, nova Testaceorum classe," 4to. Dantzick, 1732.
"Historia Naturalis Cocci raticum Tinc-torii," 1 vol. 4to. Gedani, 1731.

BRISS.—**BRISSON** (Mathurin Jacques), professor of natural philosophy, member of the Académie des Sciences, and in his youth curator of the cabinet of natural history of Réaumur; born 1723, died 1806.

"Le Règne Animal divisé en IX classes," 1 vol. 4to. Paris, 1756. It only contains the Quadrupeds and Cetacea.

"Ornithologie," 6 vols. 4to. Paris 1770. A useful work on account of the minute exactness of the descriptions. The plates were drawn by the same hand that furnished the figures of the Planches Enluminées of Buffon, and are frequently taken from the same specimens.

BRIT. ZOOL.

Under this title we quote the large anonymous folio with fine plates, called "British Zoology," printed in London in 1766. It is by Pennant, and has been reproduced by him under the same title in 4 vols. 8vo. See Pennant.

BROCCHI (G.), a military engineer, died 1828 at Syria, in the service of the Pacha of Egypt.

"Conchiologia Fossile Subapennina," 2 vols. 4to. Milan, 1814.

BRONGN.—**BRONGNIART** (Alexander), member of the Académie des Sciences, and professor of the *Cuv. Table of Authors.*

Faculté des Sciences de Paris, and of the Jardin du Roi, born 1770.

"Essai d'une Classification Naturelle des Reptiles," 4to. Paris, 1805.

I also quote his works on the Fossil Shells—"Coquilles Fossiles"—both in the Annales du Museum, and our joint publication on the geology of the environs of Paris, I also refer to his

"Histoire des Crustacés Fossiles," 4to. published by him and M. Desmaret. Paris, 1812.

BROUSS.—**BROUSSONNET** (Pierre-Marie-Auguste), perpetual secretary to the Société d'Agriculture, and member of the Académie des Sciences; born 1761, died 1807. I quote his

"Mémoire sur les Chiens de Mer," in the Mémoires de l'Académie des Sciences, 1780. Also his

"Ichthyologia," 4to. of which but one part was published. London and Paris, 1782.

BROWN JAM.—**BROWN** (Patrick), an Irish physician, resident in Jamaica.

"The Civil and Natural History of Jamaica," 1 vol. folio. London, 1756.

BROWN OR BR.—**BROWN** (Peter), an English painter.

"New Illustrations of Zoology," 1 vol. 4to. London, 1776, with fifty coloured plates of animals of various classes—all of them indifferently executed.

BRUCE (James), the celebrated Scotch traveller, born 1730, died 1794.

"Travels in Abyssinia, and to the Sources of the Nile." I quote the French translation, 5 vols. 4to. Paris, 1790.

BRUG.—**BRUGIERES** (Jean-Guillaume), a physician at Montpellier, and a traveller, born 1750, and died at Ancona on his return from Persia, 1799. I quote his

"Dictionnaire des Vers," published in the Encyclopédie Méthodique. But one volume, 4to. has appeared. Paris, 1792. I also quote his

"Figures de Vers," for the same work, of which there are four.

P p

BRUN.—BRUNNICK (Martin T.), a Danish naturalist, Professor at Copenhagen.

"*Ichthyologia Massiliensis*," &c., 1 vol. 8vo. Copenhagen and Leipsic, 1768.

"*Entomologia sistens Insectorum Tabulas Systematicas*," 8vo. Copenhagen, 1764. Also various Memoirs published among those of the Society of Sciences, and of the Society of Natural History, of Copenhagen.

BUCHAN.—BUCHANAN (Dr. Francis Hamilton), a Scotch physician at Bengal, died in 1829.

Author of certain Memoirs in the Transactions of the Linnæan Society, and of a Journey from Madras to the Mysore &c. which contains several valuable observations. We are particularly indebted to him for

"A Natural History of the Fishes of the Ganges," 1 vol. 4to. with a great number of excellent plates. Edinburgh, 1822.

BUCKLAND (William), professor of Geology at Oxford, author of the

"*Reliquiæ Diluvianæ*," 4to. London, 1825, and of numerous Memoirs on fossils.

BUFF.—BUFFON (Georges-Louis-Leclerc, Comte de), Intendant of the Jardin du Roi, and Treasurer of the Académie des Sciences, born 1707, died 1788.

"*Histoire Naturelle, generale et particulière, avec la Description du Cabinet du Roi*," I always quote the Paris edition of 1749—1789, in 36 vols. 4to. of which *three* are general, *twelve* relate to Quadrupeds, *seven* are supplements to his general observations and to the Quadrupeds, *nine* treat of Birds, and *five* of Minerals.

BUF. ENL. OR ENLUM. See **PLANCHES ENLUMINEES.**

BULLET. DES SC.

"*Bulletin des Sciences par la Société Philomatique*," a journal which has appeared monthly since 1791, which contains a multitude of abridged and valuable observations relative to Natural History.

BURCHELL, an English traveller.

"*Travels in the Interior of Southern Africa*."

CARENA (Giacinto), professor at Turin.

"*Monograph of the Genus Hirudo*," vol. XXV. of the Memoirs of the Academy of Turin, 4to. 1820.

CARMICH. — CARMICHAEL, an English officer.

I quote his Memoir on the Fishes of Tristan d'Acunha. *Lin. Trans.* XII.

CARUS (Charles-Gustavus), Professor at Dresden.

Author of several works on comparative Anatomy. I quote his Memoir on the circulation in the Larvæ of the Neuroptera, printed in German, 4to. Leipsic, 1827.

CAT. CATESB.—CATESBY (Mark), a traveller in North America, born 1680, died 1749.

"*The Natural History of Carolina, Florida, and the Bahama Islands*," 2 vols. folio, with an Appendix and two hundred and twenty coloured plates, London, 1731. 1743.

CAUCHE (François), of Rouen, a soldier or sailor at Madagascar, died 1638.

"*Une Relation de Madagascar*," &c. 1 vol. 8vo. 1631.

CAVOLINI (Filippo), a physician and naturalist at Naples.

"*Memorie per servire alla Storia de' Polipi Marini*," 4to. Naples, 1735.

"*Sulla Generazione dei Pescic dei Granchi*," 1 vol. 4to. Naples, 1787.

CETTI (Francesco).

"*Storia Naturale di Sardegna*," 4 vols. 12mo. Sassari, 1774—1777.

CHABERT, director of the Ecole Veterinaire at Alfort.

"*Traité des Maladies Vermineuses dans les Animaux*," pamphlet, 8vo. Paris, 1782.

CHAB.—CHABRIER (J.) a corresponding member of the Société d'Histoire Naturelle.

He published a series of Memoirs on the flight of Insects, in the *Annales du Muséum d'Histoire Naturelle*. A certain number of impressions were taken separately, which form his "Essai sur le Vol des Insectes," 1 vol. 4to. Paris, 1823.

CHAMISSE (Adelbert de), a distinguished literary gentleman and naturalist of Berlin, who sailed round the world with Captain Kotzebue.

I quote his Memoir on the Salpæ (in Latin), 1 vol. 4to. Berlin, 1830.

CHARP.—CHARPENTIER (Tous-saint de).

"*Horæ Entomologicae*," 1 vol. 4to. with plates. Breslau, 1825.

CHEMN.—CHEMNITZ (John Jerome), of Magdeburg, chaplain to the garrison of Copenhagen, born 1730.

He continued the great work on Conchylology of Martini, and is the author of various Memoirs published among those of the Society of Naturalists of Berlin, of Copenhagen, and of the Naturforscher.

CHORIS (Louis), a Russian painter, who accompanied Captain Kotzebue in his voyage round the world. He was assassinated near Vera-Cruz, when about to commence his travels in Mexico.

"*Voyage Pittoresque autour du Monde*," folio. Paris, 1822.

"*Vues et Paysages des Régions Equinoxiales*," folio. Paris, 1826.

CLAIRV.—CLAIRVILLE, an English naturalist, residing in Switzerland.

"*Entomologie Helvétique*," 2 vols. 8vo. in French and German, with excellent plates. The first volume was published in 1798, and the second in 1806; both were printed at Zurich.

CLARCK, an English Veterinary Surgeon.

"*A Monograph of the Cæstri*," in the third volume of the Linnæan Transactions. He has published a second edition of it.

CLERC (Charles), a Swedish painter and a pupil of Linnæus.

"*Aranei Suecici Descriptionibus et Figuris Illustrati*," 1 vol. 4to. in Swedish and Latin. Holmiæ. 1757.

"*Icones Insectorum Rariorum*," 1 vol. 4to. Holmiæ, 1759—1764. This work is useful as an indication to the Lepidoptera described by Linnæus, from the Cabinet of Queen Frederica Ulrica.

CLOQUET (Jules), a physician and surgeon of Paris.

"*Anatomic des Vers Intestinaux*," 4to. Paris, 1824.

CLUS.—CLUSIUS, or **L'ECLUSE (Charles)**, born at Arras 1526, died 1609. He was physician to the Emperor, and subsequently a professor at Leyden.

"*Exoticorum Libri X*," 1 vol. folio. Anvers, 1605.

COLLET MEYGNET (G. F. H.), physician.

"*Mémoire sur un Ver trouvé dans le rein d'un Chien*" (the *Strongylus gigas*), inserted in the *Journal de Physique*, vol. LV.

FAB. COL.—COLUMNA (Fabius), a physician at Rome, an illegitimate descendant of the illustrious house of Colonna, born 1567, died about 1660. He was an exact and erudite observer.

"*De Purpura*," 4to. 1616.

"*Aquatilium et Terrestrium aliquot Animalium, aliarumque Naturalium Rerum Observationes*," printed at the end of his *Ephraïsis*, ib., 4to. 1616.

COM. or COMMERS.—COMMERSON (Philibert), born at Dombes in 1727, and died at the Isle of France, 1773. A most indefatigable traveller, and learned naturalist.

I quote his manuscripts and drawings deposited in the Library of the Museum.

COOK (Captain), the celebrated navigator, born 1728, and killed at the Sandwich Islands in 1779.

His three great voyages, which have been translated into all languages, are well known to every one.

COQUEB.—COQUEBERT (Antoine Jean), a naturalist established at Rheims.

"*Illustratio Inconographica Insectorum quæ in Museis Parisinis observavit J. Chr. Fabricius*," 3 parts, 4to. Paris, 1799—1804.

He also published various notes in the *Bulletin des Sciences*.

COUCH (Jonathan), an English naturalist.

I quote his paper "On the Fishes of Cornwall," *Linn. Trans.* XIV.

CRAM.—CRAMER (Peter), a merchant of Amsterdam.

"*Papillons Exotiques des trois parties du Monde, l'Asie, l'Afrique, et l'Amérique*," in Dutch and French, 4 vols. 4to. containing four hundred coloured plates. Amsterdam, 1779—1782.

For the Supplement, see Stoll.

CREUTZ.—CREUTZER (Christian).

"*Entomologische Versuche*," or Entomological Essays, 8vo. with coloured plates, Vienna, 1799.

CREVELT, a German naturalist.

Author of a Memoir on a Gecko, published among those of the Society of Naturalists of Berlin. 1809.

CURT.—CURTIS (John), an English naturalist and painter.

He has commenced a work illustrating the genera of Insects and plants Peculiar to Great Britain. Their characters are figured with the greatest accuracy.

This work, which is published in numbers, already forms 3 vols. 8vo.

The same author has also published in the *Zoological Journal* some interesting observations on the *Elatér noctilucus*.

CUV.—CUVIER (George-Leopold-Cretien-Frederic-Dagobert), born at Montbéliard, 1769; perpetual Secretary to the Académie des Sciences, &c. &c. &c.

Of my own works, exclusive of my *Mémoires* contained in the *Annales du Muséum*, I quote the following:

Ménag. du Mus., or "*Ménagerie du Muséum d'Histoire Naturelle*," by Messrs. Lacepède, Cuvier, and Geoffroy, with plates coloured by Marechal, and engraved by Miger, 2 vols. 8vo. Paris, 1804. There is another edition in folio.

Tab. Elem., or "*Tableau Élémentaire de l'Histoire Naturelle des Animaux*," 1 vol. 8vo. Paris, 1798.

Leç. d'Anat. Comp., or "*Leçons d'Anatomie Comparée*, recueillies et publiées par MM. Dumeril and Duvernoy," 5 vols. 8vo. Paris, 1800, 1805.

Rech. sur les Oss. Foss., or "*Recherches sur les Ossements Fossiles des Quadrupèdes*," 4 vols. 4to. Paris, 1812. A second edition was published in 5 vols. 4to. 1821—1823.

Mém. sur les Moll., or "*Mémoires pour servir à l'Histoire des Mollusques*," 1 vol. 4to. Paris, 1816.

CUV. ET VAL.—CUVIER AND VALENCIENNES.

"*L'Histoire Naturelle des Poissons*," a work which I am now publishing in conjunction with M. Valenciennes. There are now completed 5 vols. 4to. and 8vo. Paris and Strasburg.

FRED. CUV.—CUVIER (Fred.), Inspector General of the University of Paris, member of the Académie des Sciences, &c. &c., born at Montbéliard, 1773.

I quote his *Mémoires* in the *Annales du Muséum*, and principally those which relate to the teeth of the Mammalia, published in 1 vol. 8vo. Paris, 1825.

I also particularly cite his "*Histoire Naturelle des Mammifères*," published in conjunction with M. Geoffroy Saint-Hilaire in folio and 4to. with illustrations drawn from nature.

CYRILL.—CYRILLUS or CIRILLO (Dominico), a physician at Naples publicly executed in 1796.

"*Entomologiæ Neapolitanæ Specimen*," 1 vol. folio, with coloured plates. Naples, 1787.

DAHL (George).

"*Coleoptera and Lepidoptera*," 1 vol. 8vo. Vienna, 1823.

DALDORF, a Danish officer.

Author of *Memoirs on certain Fishes*, published in the *Linnean Transactions*, and in the *Journal of Gottingen*.

DALM.—DALMAN (John Wm.), lately deceased at Stockholm, where he was director of the Museum.

"*Analecta Entomologica*," 1 vol. 4to. with plates. Holmiæ, 1823.

"*Prodromus Monographiæ Castniæ*," 1 vol. 4to. with one plate, Holmiæ, 1825.

"*Om Nagra Svenska Arter of Coccus*," Memoir, 4to. with plates. Stockholm, 1826.

"A Monograph of the Chalcidites, or of the Insects of his family of the *Pteromalini*," 1 vol. 8vo. Stockholm, 1820.

"A Synopsis of the Lepidoptera of Sweden," published in the *Memoirs of the Academy of Stockholm*, 1816.

"*Ephemerides Entomologiæ*," 1 vol. 8vo. Holmiæ, 1824.

"A Memoir on certain *Ichneumonides*," 1 vol. 8vo. Stockholm, 1826.

A second, in the Swedish language, on the Insects enclosed in Copal, 1 vol. 8vo. Stockholm, 1826.

DAL.—DALYELL (J. Graham), a Scotch naturalist.

"*Observations on Various Interesting Phenomena of the Planaria*," 8vo. Edinburgh, 1814.

DAMPIER (William), the celebrated English mariner, born 1652.

"*Voyage round the World*," 2 vols. 8vo. London, 1697 and 1699. It has been translated into French, and has passed through several editions. It contains some interesting traits of the history of animals.

DANIELS (Samuel), an English painter.

"*African Scenery*," 1 vol. folio, a magnificent work, which contains several beautiful figures of extremely rare animals.

DAUB.—DAUBENTON (L.-Jean-Marie), born at Montbard, 1716, died at Paris, 1800. He was a Professor of the Museum and of the Collège de France, and member of the Institute.

I quote the descriptions of the animals with which he has enriched the *Natural History of Buffon*.

DAUD.—DAUDIN (François-Marie), died at Paris in 1804.

"*Traité Élémentaire et Complet d'Ornithologie*," of which but 2 vols. 4to. Paris, 1800, have yet appeared; they only contain the Birds of Prey, and a part of the Passerinae. It is an indifferent compilation.

"*Histoire Naturelle des Reptiles*," 8 vols. 8vo. Paris, 1802 and 1803, a sequel to the *Buffon* of Sonnini.

"*Histoire Naturelle des Rainettes, des Grenouilles et des Crapauds*," 1 vol. 8vo. with numerous and coloured plates. Paris, 1803.

DEJ.—DEJEAN (Comte), peer of France, lieutenant-general, &c.

"*Catalogue de la Collection des Coléoptères de M. le Comte Dejean*," 1 vol. 8vo. 1821.

"*Species General des Coléoptères*," 3 vols. 8vo. 1825—1829. The fourth volume has lately been published.

"*Histoire Naturelle et Iconographie des Coléoptères d'Europe*," by MM. Latreille and Count Dejean, 3 nos. 8vo. 1822.

See **BOISDUVAL**.

JUSS.—DE JUSSIEU (Antoine de), Professor of Botany to the Jardin du Roi; born at Lyons 1686, died 1758.

I quote some of his *Memoirs on Zoology*, published among those of the *Académie des Sciences*.

DEKAY (James E.), an American physician and naturalist.

Author of several *Memoirs in the Annals of the Lyceum of New York*.

DELAP. et BRUL.—DELAPORTE de BRULLE.

"*Notice sur un Nouveau Genre de la Famille des Charançons*," published in the fourth volume of the *Mémoires de la Société d'Histoire Naturelle de Paris*.

DELLE CHIAJE (Stefano), Professor at Naples.

"*Memoirs on the History of the Invertebrate Animals of the Kingdom of Naples*," 2 vols. 4to. Naples, 1823, 1825.

DELUC (John Andrew), a naturalist of Geneva, &c.

I have only quoted this celebrated geologist in relation to his Memoir "Sur les pierres judaïques," published in the "Mémoires des Savants étrangers."

DESHAYES (G. P.) a naturalist of Paris.

"Anatomie et Monographie du genre Dentale," in the "Description des Coquilles Fossiles des Environs de Paris," 4to. Paris, 1824, 1825.

DESM. — DESMARETS (Anselme Gaetan); corresponding member of the Académie des Sciences, and Professor of Zoology to the Ecole Veterinaire of Alfort.

"Histoire Naturelle des Tangaras, des Manakins, et des Todiers," 1 vol. folio. Paris, 1805.

"Traité de Mammalogie," serving as an explanation to the plates of the Mammalia of the Encyclopedie Methodique, 1 vol. 4to. Paris, 1820.

He is also the author of various articles in the "Dictionnaire d'Histoire Naturelle;" of which we will particularly designate that on the Malacostraca.

"Considérations generales sur la Classe des Crustacés," 1 vol. 8vo. with plates. Paris, 1803.

"Histoire Naturelle des Crustacés Fossiles," published by him and M. Brongniart.

DESMOULINS (Charles), vice-president of the Société Linnéenne de Bordeaux.

"Essai sur les Spherulites." Bordeaux, 1826.

DIQ. OR DIQUEM. — DICQUEMARE (the Abbé Jacques François), a naturalist of Havre, born 1733, died 1789.

An indefatigable observer, and author of various memoirs on the Zoophyta and Mollusca in the Philosophical Transactions, Journal de Physique, &c. &c.

DONATI (Vitale), a physician at Padua, and traveller to the king of Sardinia, born 1733, and shipwrecked on his return from Egypt in 1763.

"Natural History of the Adriatic Sea," published in Italian, 1 vol. 4to. Venice, 1750. The French translation, La Haye, 1758. An imperfect and superficial work.

DONOV. — DONOVAN (Edward), an English painter.

"The Natural History of British Fishes," 5 vols. 8vo. London, 1820.

"The Natural History of British Insects," 8vo.

"An Epitome of the Natural History of the Insects of China," 1 vol. 4to. London, 1778.

"An Epitome of the Natural History of the Insects of India," 4to. London, 1800. I have seen but twelve nos.

"General Illustration of Entomology," Part I. "An Epitome of the Insects of Asia," 1 vol. 4to. London, 1805.

DORTHE (Jacques Antoine), a physician at Montpellier, born 1759, died 1794.

"Mémoire sur les Araignées Maçonnées," published in the second volume of the Transactions Linnéennes.

DRAP. OR DRAPARN. — DRAPARNAUD (Jacques Philippe Raimond), Professor at Montpellier, born 1772, died 1804.

"Tableau des Mollusques Terrestres et Fluviatiles de la France," pamphlet, 8vo. Montpellier and Paris, 1801.

"Histoire Naturelle des Mollusques Terrestres et Fluviatiles de la France," 4to. with fine engravings. Paris, 1805.

DRAP. — DRAPIEZ, Professor of Chemistry at Brussels.

Mémoires on a new genus of tetramerous Coleoptera, and a description of new species of Mammalia, Birds, and Insects, published in the Annales Generales des Sciences Physiques.

DRUR. — DRURY, an English goldsmith, lately deceased.

"Illustrations of Natural History," 3 vols. 4to. with finely coloured plates representing the rarer insects of his cabinet. London, 1770—1782.

DUF. — DUFOUR (Leon), a physician at Saint-Sever, Landes.

"Mémoire Anatomique sur une nouvelle espece d'Insecte du genre Brachine," in the 18th volume of the Annales du Muséum d'Histoire Naturelle.

Various memoirs, "Sur l'Anatomie des Coleoptères, des Cigales, des Cicaèdes, des Labidours," on a new species of Orythomyia, and on the genus Ocyptera, published in the Annales des Sciences Naturelles. Two Me-

moirs inserted in the *Journal de Physique*, one on the Anatomy of the Scorpions, and the other on that of the Scolia. The *Annales Générales des Sciences Physiques* contain several others, in which he gives a description of various Arachnides, and of several new species of Coleoptera, together with the anatomy of the *Ranatra linearis*, and of the *Nepa cinerea*.

DUFFS. — DUFFSCHMID (Gaspard), Professor at Lintz.

"*Fauna Austriæ*," 8vo. in German. I have only seen the first two volumes, one of which appeared in 1805, and the other 1812. Lintz and Leipsic.

DUGEZ (Antoine) Professor at Montpellier.

"*Recherches sur la Circulation, la Respiration et la Reproduction des Annelides à branches*," 1828.

"*Espèces Indigènes du genre Lacerta*," *Annales des Sc. Nat.*, XVI. 1828.

DUHAM. — DUHAMEL DU MONCEAU, naturalist, agriculturist, &c., member of the Académie des Sciences, born at Paris 1700, died 1782.

"*Traité general des Pêches*," folio, Paris, 1769. I quote this work on account of the number of good plates of fishes which it presents.

DUM. or DUMER. — DUMERIL (Constant), Professor to the Faculté de Médecine, and to the Jardin du Roi, member of the Académie des Sciences, born at Amiens, 1774.

Editor of the first two volumes of my "*Leçons d'Anatomie Comparée*."

"*Zoologie Analytique*," 1 vol. 8vo. Paris, 1806.

"*Traité Elémentaire d'Histoire Naturelle*," 2 vols. 8vo. second edition. Paris, 1807. Fourth edition, Paris, 1830.

Various Memoirs on Comparative Anatomy, among which is one on the "*Poisons Cyclostomes*," &c.

"*Considérations Générales sur la Classe des Insectes*," 1 vol. 8vo, with plates.

Also the articles in the *Dictionnaire des Sciences Naturelles* relative to Insects.

DUPONCH. — DUPONCHEL (A. J.),

continuer of Godart's *Natural History of the Lepidoptera of France*.

"*Monographie du Genre Erotyle*," 4to. with plates, printed in the twelfth volume of the *Memoires du Museum d'Histoire Naturelle*.

He has continued, from the sixth volume inclusively, the work of the late M. Godart, entitled "*Histoire Naturelle des Lepidoptères de France*." The seventh is nearly completed. He has described a new genus of Coleopterous Insects, which he calls *Adelostoma*, and has published observations on the metamorphosis of the *Nyphale Petit Sylvain*.

DUPORT (Andrew Peter), fellow of the Royal Society of London.

Author of a Memoir on the Glaucus, in the fifty-third volume of the *Philosophical Transactions*.

DUTERTRE (Jean-Baptiste), a Dominican friar, missionary to the Antilles, born 1610.

"*Histoire Générale des Antilles habitées par les Français*," 4 vols. 4to. Paris, 1666, 1671.

The second volume, or that relative to Natural History, contains some good observations. There is an edition in 1 vol. 1654.

DUTROCHET (N.), physician at Chateau-Renaud.

An accurate and ingenious observer, author of certain memoirs in the *Annales du Museum*, &c.

DUV. — DUVAU (Augusta), member of the Société d'Histoire Naturelle.

"*Nouvelles Recherches sur l'Histoire Naturelle des Pucerons*," a memoir read before the Académie des Sciences on the 26th of April 1825, and published in the *Memoires du Museum d'Histoire Naturelle*.

EDWARDS (George), an English painter, member and librarian of the Royal Society.

"*Natural History of Rare Birds*," 4 vols. 4to.

"*Gleanings of Natural History*," 3 vols. 4to.

These two works form but one single collection of three hundred and sixty-two plates.

Next to the Planches Enluminées, it is the richest in respect to Birds that we possess. It also contains animals of other classes. The figures are beautiful, the text indifferent.

EDW.—EDWARDS (Milne), in conjunction with M. Victor Audouin, has published

"Recherches Anatomiques et Physiologiques sur la Circulation dans les Crustacés," *Annales des Sciences Naturelles*, II.

"Recherches Anatomiques et Physiologiques sur le Système Nerveux des Crustacés," *Ann. des Sc. Nat.*, XIV.

"De la Respiration Aérienne des Crustacés et des modifications que l'appareil branchial présente dans les Crabes Terrestres," *Ann. des Sc. Nat.*, XV.

"Mémoire sur le Nicothoe," a singular animal that sucks the blood of the Lobster. *Ibid.* IX.

"Résumé des Recherches sur les Animaux sans vertèbre faites aux Îles Chausay."

"Description des Annelides des Côtes de la France."

EDWARDS (Milne) alone.

"Description de quelques Crustacés nouveaux," *Ann. des Sc. Nat.*, XIII.

"Recherches Zoologiques pour servir à l'Histoire Naturelle des Lézards," *Ann. des Sc. Nat.*, XVI.

"Monographie des Crustacés Amphipodes."

EGEDE (John), a Dane, Missionary to Greenland, born 1686, died 1758.

"Description of Greenland," 1 vol. 8vo. Copenhagen and Geneva, 1763.

EISENH.—EISENHARDT (Charles William), author of

"A Memoir on the Medusæ," in those of the *Academia Naturæ Curiosorum* of Bonn; and with additions by Chamisso, of a Memoir on certain animals of the class of Worms, *Ibid.*, X, part II.

ELLIS (John), a London merchant.

"Essay towards a Natural History of

the Corallines found on the Coast of Great Britain and Ireland," 4to. London, 1755. Translated into French, and published at the Hague, 1756.

"The Natural History of many curious and uncommon Zoophytes," 1 vol. 4to. London, 1786. This work was published by him and Solander.

ENGRAM.—ENGRAMELLE (Marie-Dominique-Joseph), an Augustine friar at Paris, born in 1727, died in 1780.

"Papillons d'Europe peints par Ernest et décrits par le reverend père Engramelle," 6 vols. small folio, consisting of three hundred and forty-two coloured plates. The work finishes with the *Noctua* inclusively.

Ernest was an artisan of Strasburg who had a great and self-acquired talent for painting lepidopterous Insects.

ERXL.—ERXLEBEN (John Christian Polycarpe), Professor of Natural History at Gottingen, born 1744, died 1777.

"Systema Regni Animalis, Classis I., Animalia, 1 vol. 8vo." Leipzig, 1777.

ESP.—ESPER (E. T. C.), Professor at Erlang.

"Europäische Schmetterlinge," or Lepidoptera of Europe, 4 vols. 4to. the first and the fourth divided into two, with coloured plates.

This work is not completed, but some additional numbers on the true Phalénites or the Geometræ, have been published.

"Die Pflanzenthierc," &c., his work on Zoophytes, 4 vols. 4to. Nuremb., 1791, et seq.

EUPHRASEN (B. A.), a Swedish naturalist.

Author of a voyage to St. Bartholomew, and quoted for a Memoir inserted among those of the Academy of Stockholm.

EVERSH.—EVERSHAM.

Author of the Zoological Appendix to the "Travels in Bucharia," of the Baron de Mayendorf, with notes by M. Lichtenstein. It has been translated into French by Mr. Amédée Jaubert, 8vo. Paris, 1826.

FAB.—FABRICIUS (J. C.), a pupil of Linnæus, Professor of Natural History and Rural Economy at Kiel, born at Tundern, in the Duchy of Sleswick in 1742, died 1807. He published a great many works on Entomology, of which I have particularly quoted the following.

"Entomologia Systematica emendata et aucta," 4 vols. 8vo. the first and third in two parts. Hafnia, 1792—1794. This work contains several of his anterior ones, revised and re-modelled, such as the "Systema Entomologiæ," 1 vol. 8vo.; "Species Insectorum," 2 vols. 8vo.; "Mantissa Insectorum," 2 vols. 8vo.

"Supplementum Entomologiæ Systematicæ," 1 vol. 8vo. Hafnia, 1798.

"Systema Eleutheratorum," 2 vols. 8vo. Kilie, 1801.

"Systema Rhyngotorum," 1 vol. 8vo. Brunsvigæ, 1801.

"Systema Piezatorum," 1 vol. 8vo. Brunsvigæ, 1804.

"Systema Anthiatorum," 1 vol. 8vo. Brunsvigæ, 1805.

He was about to publish his, "Systema Glossatorum," when the hand of death was laid upon him. An extract from that work is given by Illiger in his Magazin für Insectenkunde.

FAB. OR FABR.—FABRICIUS (Otho), Clergyman in Greenland, and subsequently in Norway and Denmark.

"Fauna Groënlandica," &c. 1 vol. 8vo. Copenhagen and Leipsic, 1790, a work of great value, on account of the exactness of the descriptions, but in which names are frequently improperly applied.

He also published certain memoirs among those of the Society of Natural History of Copenhagen.

FALCK (J. P.), a Swede, Professor of Botany at Petersburg, born 1727; travelled in the service of the Russian government from 1768 to 1773, and committed suicide at Cassan in 1774.

His travels were published in German, 3 vols. 4to. Petersburg, 1785, 1786. The last two relate entirely to Natural History.

**FALL.—FALLEN (Charles Fre-
Cuv. Table of Authors.**

derick), Professor of Natural History at Lund.

"Diptera Sueciæ," 4to. first volume. Lundæ, 1814—1817.

FARIN.—FARINES, a naturalist residing in the department of the Pyrenees Orientales.

Author of Observations on the larva of the Ripiphorus bimaculatus, in the Annales des Sciences Naturelles, 1826.

FAVANNE.

Author of a "Dictionnaire de Conchyliologie," and of a greatly enlarged edition of the Conchyliology of d'Argenville.

FAUJ.—FAUJAS DE SAINT-FOND (B.), Professor of Geology at the Muséum d'Histoire Naturelle.

"Histoire Naturelle de la Montaigne de St. Pierre de Maestricht," 1 vol. 4to. Paris, 1799.

FERMIN (Philip), physician at Surinam.

"Histoire Naturelle de la Hollande équinoxiale," 1 vol. 8vo. Amsterdam, 1765.

"Description de Surinam," 2 vols. 8vo. Amsterdam, 1769.

Two indifferent works, filled with errors of nomenclature.

FERN. OR HERN.—HERNANDEZ (Francisco), physician-in-chief at Mexico, under Philip II.

"Nova Plantarum, Animalium et Mineralium Mexicanorum Historia," folio, Rome, 1651. A singular combination of fragments of the author, figures drawn by others, and annotations of editors. It should be read cautiously.

FERUSS.—FERUSSAC (J. Daubert de), a French naturalist.

Author of a new and enlarged edition of an "Essai d'une Méthode Conchyliologique," originally written by M. de Ferussac, Sen., pamphlet, 8vo. Paris, 1807.

"Histoire des Mollusques, Terrestres, et Fluviales," folio, with fine plates. It is not yet completed.

He is also the principal editor of that important periodical called the "Bulletin Universel des Sciences," &c.

FEUILL.—FEUILLEE (Louis), the companion and plagiarist of Plumier, born 1660, died 1732.

"Journal d'Observations faites sur les Côtes Orientales de l'Amérique;" 2 vols. 4to. Paris, 1714.

Journal, &c., in New Spain and the islands of America, 1 vol. 4to. Paris, 1725.

FITCH. and MOLL.—FITCHEL (Leopold de), a naturalist of Vienna, who in conjunction with J. P. C. DE MOLL, member of the Academy of Munich, published the

"Testacea Microscopica, aliaque minuta ex generibus Argonauta et Nautilus," cum tab. XXIV. Vienna, 1803.

FISCH.—FISCHER DE WALDHEIM (Gotthelf), a German naturalist, Director of the Imperial Museum at Moscow. Of his numerous works, we quote the following:

"Fragments of Natural History," in German, 1 vol. 4to. Frankfort, 1801.

"Anatomy of the Makis," in German. Frankfort, 1804.

"Description of certain Insects," published in the Memoirs of the Naturalists of Moscow, 1 vol. 4to. Moscow, 1806.

"Entomographia Imperii Russici," 2 vols. 4to. with splendid engravings. Moscow, 1820—1822.

"Observations on a carnivorous Fly called *Medeterus*," 4to. with plates. Moscow, 1819.

"Memoir on the *Argas* of Persia," 4to. with a plate. Moscow, 1823.

"Letter on the *Physodactylus*, a new genus of Coleopterous Insects," 8vo. Moscow, 1824.

FITZING.—FITZINGER, a physician and naturalist at Vienna.

"A New Classification of Reptiles according in their national affinities," 4to. in German. Vienna, 1826.

FLEMING (John), a Scotch pastor.

"Philosophy of Zoology," 2 vols. 8vo. Edinburgh, 1822.

FLEURIAU DE BELLEVUE, a naturalist at Rochelle.

Author of Memoirs on the Testacea

and other Mollusca, published in the Bulletin des Sciences, Journal de Physique, &c.

FORSK.—FORSKAHL (Peter), a Swedish naturalist, born 1734, a pupil of Linnæus, and the companion of Niebuhr in his travels to the East, died during the journey in 1763.

"Descriptiones Animalium, &c., quæ in Itinere Orientali observavit," 4to. Copenhagen, 1775.

"Icones Rerum Naturalium quas in Itinere Orientali depingi curavit," 4to. Copenhagen, 1776.

Posthumous works, and extremely precious on account of the new species described in them, although the nomenclature is incorrect.

FORTIS (J. B. or Alberto), an Italian naturalist, born at Venice 1740, died a Bookseller at Bologna 1803. I quote his

"Mémoires pour servir à l'Histoire Naturelle et principalement à l'Ortographe de l'Italie," 2 vols. 8vo. Paris, 1802.

FORST.—FORSTER (John Reinhold), born at Dirchaw in Polish Prussia 1729, naturalist in the English service for the second voyage of Cook, and subsequently Professor at Halle. He died in 1798.

"Zoologiæ Indiæ Rarioris Spicilegium," 4to. London, 1790.

"Enchiridion Historiæ Naturali inseruiens," 8vo. Halle, 1788.

I also quote him for the articles inserted by Bloch in his posthumous System of Fishes.

FOURCROY (Antoine François de), the celebrated Professor of Chemistry, Counsellor of State, and member of the Académie des Sciences; born 1755, died 1809. The only work we have had occasion to quote is his

"Entomologia Parisiensis," 2 vols. 8vo. Paris, 1785, a small work of his youth, and a mere abridgment of that of Geoffroy.

FRED. CUV. See CUV.

FREMINV.—FREMINVILLE (Baron de), an officer of the French navy; an able naturalist.

Author of various articles in the *Dictionnaire Classique d'Histoire Naturelle*.

FRIES (B. F.)

"*Monographia Tanyporum Sueciæ*," Lundæ, 1823.

FR.—FRISCH (J. L.), Rector of the Gymnasium of Berlin, born 1666, died 1743.

"A representation of certain German and foreign Birds" (in German) 2 vols. folio, Berlin, 1739—1763, containing two hundred and fifty-five extremely exact, but not fine plates.

"*Beschreibung von Insecten in Teuschland*," or a Description of the Insects in Germany, 1 vol. 4to. Berlin, 1730.

FROEL.—FROELICH (J. A.), a German naturalist and physician of Elwangen.

Author of two Memoirs on the Intestinal Worms in the *Naturforscher*.

GÆRT.—GÆRTNER (Joseph), a celebrated botanist of Wirtemberg, born 1732, died 1791.

Author of the *Carpologia*, and also in his youth of Zoological observations inserted in the *Philosophical Transactions*, and in the *Miscellanea Zoologica* of Pallas.

GAILLARDOT, a physician at Luneville, and an able naturalist.

Author of Memoirs on Fossils, published in the *Annales des Sciences Naturelles*, &c.

GARDEN (Alexander), a Scotchman, physician at Charleston, South Carolina, born 1730, died 1771.

He transmitted various observations to Linnæus.

GAZA (Theodore de), a Greek who sought an asylum in Italy in the sixteenth century. He translated into Latin the work of Aristotle upon Animals.

GEB.—GEBLER (F.), a Russian naturalist and physician.

"*Observationes Entomologicae*," a Memoir in 4to.

DEG.—GEER (Charles, Baron de), Marshal of the court of the Queen of Sweden, and member of the Academy of Stockholm, born 1720, died 1778.

"*Mémoires pour servir à l'Histoire des Insectes*," 7 vols. 4to. with plates. Stockholm, 1752—1778. An excellent work, that forms a sequel to that of Reaumur. The first two volumes are rare. Retzius has given an abridgment of this work in Latin, entitled,

"*Genera et Species Insectorum*," 1 vol. 4to. Lipsiæ, 1783.

There is also a German translation of it, enlarged by Goetz.

GEOFF.—GEOFFROY, a celebrated physician of Paris.

"*Histoire abrégée des Insectes*," 2 vols. 8vo. with plates. Paris, 1764.

This very elementary work has been republished, and augmented by Species added to it, by Fourcroy in his abridgment of the same. See *FOURCROY*.

"*Traité sommaire des Coquilles tant Fluviales que Terrestres, qui se trouvent aux environs de Paris*," 1 vol. 12mo. Paris, 1767.

A small work, but remarkable for the attempt to class shells according to their animal.

GEOFF.—GEOFFROY SAINT-HILAIRE (Etienne), Professor of the Museum d'Histoire Naturelle, and member of the Académie des Sciences, born at Etampes 1773.

I quote his numerous Memoirs published in the *Magasin Encyclopedique*, the *Annales du Museum*, and in the great work on Egypt.

Various Memoirs on the organization of the Crustacea and Insects, published in different periodicals, such as the *Journal Complementary des Sciences Medicales*, *Mémoires du Muséum d'Histoire Naturelle*, &c., and his

"*Philosophie Anatomique*," 2 vols. Paris, 1818 and 1822.

ISID. GEOFF.—GEOFFROY SAINT-HILAIRE (Isidore), son of the preceding, assistant naturalist of the Museum of Natural History.

Author of various memoirs among those of the Muséum d'Histoire Naturelle,

and the *Annales des Sciences Naturelles*; also of the description of the Fishes of Egypt in the great work on that country.

GEOR.—GEORGI (J. T.), a German naturalist, who travelled in the service of the Russian government in 1772, 1773, and 1774.

His travels are printed in German, 2 vols. 4to. Petersburg, 1775.

GERMAR (Ernest Frederick), a German naturalist.

"*Dissertatio sistens Bombycum Species*," &c., 4to. Halle.

He continues the "*Magazin für Insektenkunde*," of Illiger.

GM.—GERMAR (E. Francis), Professor of Mineralogy at Halle.

"*Magazin der Entomologie*," 4 vols. 8vo. Halle, 1813—1821.

"*Insectorum Species Nova*," first vol. 8vo. with plates. Halle, 1824. See **AHRENS**.

GESN.—GESNER (Conrad), a physician at Zurich, born 1516, died 1565.

I quote his "*History of Animals*," 3 vols. folio, to which has been added a Treatise on Serpents, and one on the Scorpion. This work, which is arranged alphabetically, is an excellent compilation of all the knowledge of the ancients, and is enriched with useful observations, and numerous wood cuts, most of them good.

GILLIAMS, an American naturalist.

Author of certain Memoirs on Reptiles and Fishes, published in the Journal of the Academy of Natural Sciences of Philadelphia.

GIOENI (Giuseppe), a Sicilian naturalist of the house of Angio.

"Description of a new family and of a new genus of the Testacea," &c., in Italian, pamphlet, 8vo. Naples, 1783. It is the stomach of the *Bulla lignaria*, which he has converted into an animal.

GIORNA (M. P.), a Piedmontese naturalist, professor at Turin, born 1741, died 1809.

I quote some of his Memoirs, published among those of the Academy of Turin.

GMELIN (Samuel Theophilus), born at Tubingen 1743, a German naturalist and traveller in the service of Russia, from 1768 to 1774, at which period he died in Persia.

His travels were published in German, 4 vols. 4to. Petersburg, 1770—1784. They abound in valuable articles on Natural History.

GM.—GMELIN (John Frederic), Professor of Chemistry at Gottingen, born at Tubingen in 1748, died in 18—.

The author of the thirteenth and last edition of the "*Systema Naturæ*" of Linnaeus. His work, notwithstanding the ignorance of things, want of judgment, and crudity that it exhibits, is still necessary, as being the only tolerably complete account of what had been done down to 1790.

GODART (J. B.), Chief of the Lyceum of Bonn under the Imperial Regime, died 1825.

Editor of the article "Papillon" of the *Encyclopédie Méthodique*.

"*Histoire Naturelle des Lépidoptères ou Papillons de France*," 5 (first) vols. 8vo., commenced in 1822.

GOETZ. or rather GOEZ.—GOEZE (I. A. E.), pastor of Quedlimbourg, one of the principal writers on the Intestinal Worms, born 1731, died 1793.

"*Natural History of Intestinal Worms*" (in German), 1 vol. 4to. Brackenberg, 1782.

GOLDFUSS (G. A.), Professor at Bonn.

"*A Manual of Zoology*," 2 vols. 8vo. Nuremberg, 1820.

Author of various memoirs published among those of the *Academia Naturæ Curiosorum*.

GORAN (Antoine), Professor at Montpellier.

"*Historia Piscium*," 1 vol. 4to. Strasbourg, 1770.

Of the numerous works published by this learned naturalist, the above is the only one we have had occasion to quote. Strictly speaking, it is a mere description of genera, but drawn up in

detail and in technical terms, in the manner of Linneus. It is preceded by a sort of Ichthyological Philosophy.

GRAY.—GRAVENHORST (J. L. C.), member of the Physical Society of Gottingen, &c.

"Coleoptera Microptera Brunsvicensia," &c., 1 vol. 8vo. Brunsviga, 1802.

"Monographia Coleopterorum Microp-
terorum," 1 vol. 8vo. Gottingæ,
1806.

"Nosography of the genus Ichneumon,"
1 vol. (the first) 8vo. with plates,
1814.

"Monographia Ichneumonum Pede-
montanæ Regionis," forming part of
the twenty-fourth volume of the
Memoirs of the Academy of Sciences
of Turin.

"A Monograph of apterous Ichneu-
mons," 1 vol. 8vo. with plates.

The description of a new genus, *Hel-
wigia*, of the same tribe, an extract
of which has been published in the
Bulletin Universel of Baron de Fe-
russac.

"Conspectus Generum et Familiarum
Ichneumonidum, auctoribus J. L. C.
Gravenhorst et C. G. Neg. ab Esen-
beck," 4to.

GRAY (J. E.), an English natu-
ralist attached to the British Mu-
seum.

Author of Memoirs on Reptiles, in the
Annals of Philosophy, 1825, and the
Philosophical Magazine, 1827.

GREW (Nehemiah), celebrated
for his discoveries in his "*Vege-
table Physiology*," Secretary of the
Royal Society of London, died 1711.
I sometimes quote his

"Museum Regalis Societatis," folio.
London, 1681.

**GRONOV.—GRONOVIVS (John
Frederick).**

Author of various Memoirs on Fishes,
published among those of various
learned bodies, the Philosophical
Transactions in particular.

**GRONOV.—GRONOVIVS (L. Theo-
dore),** a municipal officer of Leyden,
nephew of the preceding, born 1730,
died 1777.

"Museum Ichthyologicum," 1 vol. folio.
Leyden, 1754.

"Zoophylacium Gronovianum," 1 vol.
folio. Leyden, 1765—1787.

GRUNDLER (G. A.), painter and
engraver at Halle.

Quoted for a Memoir in the *Natur-
forscher*.

GUALT.—GUALTIERI (N.), phy-
sician at Florence, previously a
Professor at Pisa.

"Index Testarum Conchyliorum quæ
adservantur in Museo R. Gualteri,"
folio. Florence, 1742.

The figures are numerous and exact.

GUER.—GUERIN (F. E.), mem-
ber of the Société d'Histoire Natu-
relle.

A Memoir on a dipterous Insect of the
genus *Boletophila*, published in the
tenth volume of the *Annales des
Sciences Naturelles*.

A second on the *Eurypode*, a new genus
of the Crustacea, in the sixteenth
volume of the *Memoirs du Museum
d'Histoire Naturelle*.

A third on a new genus, *Themisto*, of
the same class, in the fourth volume
of the *Mem. d'Hist. Nat.*

"*Iconographie du Règne Animal*," 4to.
1829. Ten numbers have already
been published.

He edited many of the articles relative
to Insects in the *Encyclopédie Métho-
dique*, and gave the explanations of
the plates, relative to those animals,
of the same work.

**GULDENST.—GULDENSTEDT (J.
A.),** of Riga, born 1745, and died
at St. Petersburg in 1781; traveller
in the service of Russia from 1768
to 1775.

His travels were published in German,
2 vols. 4to. Petersburg, 1787—
1791.

We also quote several of his Memoirs,
published among those of the Academy
of Petersburg.

GUILD.—LANSDOWN GUILDING.

"Natural History of the *Lamia ampu-
tator*," *Linnean Transactions*, vol.
XIII.

GUNNER (J. E.), bishop of Dron-
theim in Norway, born 1781, died
1773.

We quote certain Memoirs published
among those of the Society of Dron-
theim, and of the Society of Sciences
of Copenhagen.

GYLLENH.—GYLLENHAL (L.), a Swedish naturalist. We quote the fourth part of the first volume of his

"*Insecta Suecica*," 1 vol. 8vo. Lipsiæ, 1827.

HAAN (William de), Curator of the Royal Museum of the Netherlands, at Leyden.

"*Mornographiæ Ammoniteorum et Goniatiteorum Specimen*," 8vo. Leyden, 1825.

HAGENB.—HAGENBACH (J. J.), one of the Curators of the Royal Museum of Leyden, died 1826.

"*Mormolyce Novum Genus*," 1 vol. 8vo. with a plate. Nurembergæ, 1825.

HAMM.—HAMMEL (A. D.)

"*Entomological Essays*," No. 1—6. 8vo. Petersburg, 1821—1827.

"*Observations on the Blatta germanica*," 8vo. Petersburg, 1821.

HAMMER (L. F.), Professor of Natural History at Strasburg, son-in-law of the late Hermann.

We quote his memoir on the American Ostrich, published in the *Annales du Museum*.

HARDW.—HARDWICKE (T.), an English general who resided in India.

I quote several of his papers from the *Linnæan Transactions*.

HARLAN (Richard), an American naturalist and physician, Professor of Comparative Anatomy at Philadelphia.

"*Fauna Borealis Americana*," 1 vol. 8vo. Philadelphia, 1825, a work which contains the history of the quadrupeds of that country.

He has also published various interesting Memoirs among those of the Lyceum of New York and of the Academy of Natural Sciences of Philadelphia.

HARRIS (G. P.), an English naturalist.

I quote his description of two new species of *Didelphis*, inserted in the *Linnæan Transactions*, vol. IX.

HARR.—HARRIS (Moses), an English painter.

"*An Exposition of English Insects*," in French and English, 1 vol. 4to. with coloured plates. London, 1781.

HART.—HARTMANN, painter and engraver of subjects of Natural History at St. Gall.

Author of a *System of the terrestrial and fluviatile Testacea of Switzerland*.

HASELQ.—HASELQUIST (Fred.) a Swedish naturalist, one of the first pupils of Linnæus, born 1722, died 1752.

His *Travels in the East* were published by Linnæus in the Swedish language, with Latin descriptions of the animals and plants. Stockholm, 17—.

There is a French translation without the descriptions, 1 vol. 12mo. Paris, 1769.

HASELTT (J. C. Van), a young Hollander, physician, and naturalist, the friend and companion of Kuhl, whom he survived but a few months.

HEGETSCH.—HEGETSCHWEILER (J. J.), a naturalist of Switzerland.

"*Dissertatio Inauguralis Zootomica de Insectorum Genitalibus*," 1 vol. 4to. Turici, 1820.

HELW.—HELWIGG (J. C. L.)

"*Fauna Etrusca, &c. Petrii Rossii, iterum edita et annotatis perpetuis aucta*," 1 vol. 8vo. Helmstadii, 1755. See Illiger.

HERBST (J. F. W.), a preacher at Berlin, born 1743.

"*Natursystem aller Bekanten in und Ausländischen Insekten*," &c. von Carl. Gustaf Jablousky forgesetzt, von J. F. W. Herbst, 10 vols. 8vo. with an atlas of coloured plates to each volume. Berlin, 1785, et seq. It is a treatise on the Coleoptera.

"*Versuch einer Naturgeschichte der Kraben und Krebse*," 3 vols. 4to. with sixty-two coloured plates. Berlin, 1790—1803. A treatise on the Crustacea, and a useful compilation containing several new figures.

"*Natursystem der ungeflügelten Insekten*" (the genera *Solpuga*, *Tarentula*,

and Phalangium), 1 vol. 4to. with coloured plates. Berlin, 1797.

"Natarsystem der ungeflugelten Insekten" (genus Scorpio), 1 vol. 8vo. Berlin, 1708.

"Archiv der Insecten Geschichte, Herausgegeben," von J. Casp. Fuesly, 1 vol. 4to. with coloured plates. Zurich and Wintertkar, 1791. This work has been translated into French.

He has also published a Monograph of the Linnaean genus Papilio, representing all the species, but as most of the figures are copies, I have not quoted it.

HERM.—HERMANN (John), Professor at Strasbourg, a laborious and erudite naturalist, born 1738, died 1800.

"Tabula Affinitatum Animalium," 1 vol. 4to. Strasbourg, 1783.

"Observationes Zoologicae Posthumæ," 1 vol. 4to. Strasbourg and Paris, 1804.

HERM.—HERMANN (J. F.), son of the preceding, born in 1768, died before his father, 1793.

He has left an "Apterological Memoir," 1 vol. fol. Strasbourg, 1804.

HOEV.—VANDER HOEVEN (John) Professor at Leyden.

Author of a "Manual of Zoology," in Dutch, 2 vols. 8vo. Delft, 1827; of a "Thesis de Sceleton Piscium," 8vo. Leyden, 1822; and of a Memoir on the Ornithorhynchus, &c.

HOFFMAN.—HOFMANSEGG (C.), a learned naturalist of Saxony, and a zealous protector of the sciences.

Author of various Memoirs on the animals of the Brazils and Portugal.

HOLTEN, a Danish naturalist.

Quoted as author of a Memoir published in the fifth volume of the Soc. of Natural History of Copenhagen.

HOME (Sir Everard), the celebrated surgeon, curator of the Hunterian Museum, at London, and fellow of the Royal Society.

"Lectures on Comparative Anatomy," 6 vols. 4to. London, 1814—1828.

I also quote several of his Memoirs published in the Philosophical Transactions.

HOPP.—HOPPE (D. H.), druggist at Ratisbon.

"Enumeratio Insectorum Elytratorum Indigenorum," 1 vol. 4to. with coloured plates. Erlangæ, 1795. It is a useful work in studying the Donacixæ.

HORNS.—HORNSTEDT, a Swede who travelled in Java.

Quoted for a Memoir on the Acrochordus, published among those of Stockholm, 1787.

HORSF.—HORSFIELD (Dr. Thomas), an English naturalist.

"Zoological Researches in Java and the neighbouring Islands," 4to. with excellent plates. London, 1825.

He also published the first number of a "Descriptive Catalogue of the Lepidoptera in the Museum of the East India Company," 4to. London, 1828.

HOUTT.—HOUTTUYN (Martin).

Author of certain Memoirs among those of the Academy of Haarlem; of a Dutch translation taken from the Systema of Linnaeus, &c. He is also the continuor of Nöseman's History of the Birds of the Netherlands.

HUB.—HUBER (Francis), corresponding member of the Academy of Sciences of Geneva. Deprived of sight, but still a most perspicacious observer.

"Nouvelles Observations sur les Abeilles," 2 vols. 8vo. with plates. Paris and Geneva, 1814. The second volume is from the pen of his son.

HUB.—HUBER (Peter), son of the preceding.

"Recherches sur les mœurs des Fourmis Indigènes," 1 vol. 8vo. with plates. Paris and Geneva, 1810.

"Observations sur les Bourdons," published in the sixth volume of the Transactions de la Société Linnéenne.

HUBN.—HUBNER (J.), painter at Augsburg.

His Iconographic work on the Lepidoptera of Europe is the most complete and perfect of the kind hitherto published. The text is in the German language. He is about to give us the

Exotic Lepidoptera, of which several plates have already appeared; the whole number, in royal 8vo. will amount to near a thousand.

HUMB.—HUMBOLDT (Alexander de), member of the Académie des Sciences, of the Academy of Berlin, &c. &c., born 1769.

Of the works of this illustrious savant I chiefly quote the

"Observations de Zoologie et d'Anatomie Comparée," of which there are already published fourteen numbers, 4to. Paris, 1811—1827.

HUNTER (John), the celebrated Scotch surgeon who settled in London, born 1728, died 1793.

I quote his Treatise on the teeth, and various Memoirs inserted in the Philosophical Transactions.

HUZARD, Jun., who in conjunction with M. Pelletier published

"Recherches sur le genre Hirudo." Paris, 1825.

ILLIG.—ILLIGER (J. C. G.), Professor at Berlin; he died young.

"Prodromus Systematis Mammalium et Avium," 1 vol. 8vo. Berlin, 1811. A work remarkable for the precision which the author endeavours to give to the genera of these two classes, and for the elegance of its nomenclature.

"Verzeichniss der Käfer Preussens," or a Catalogue of Prussian Insects, a work commenced by Theophilus Kugelann, and terminated by I. Illiger, 1 vol. 8vo. Hall, 1798.

"Magasin für Insectenkunde," 7 vols. 8vo. Brunswick, 1801—1807.

"Systematisches Verzeichniss von den Schmetterlingen der Wiener Gegend," 2 vols. 8vo. Brunswick, 1801. It is a new edition of the "Systematic Catalogue of the Lepidoptera of the Environs of Vienna."

He has also continued the "Fauna Etrusca" of Rossi, commenced by Helwig, vol. ii. 8vo. Helmstadii, 1807.

ITTIOL. VERON.—ITTIOLITOLOGIA
VERONESE.

A great work on the Petrified Fishes of Mount Bolca, where, notwithstanding its magnificence, they are neither faithfully delineated nor well characterized.

JACQ.—JACQUIN (N. J. de), a celebrated botanist and professor at Vienna, born at Leyden, 1727, died in 18—.

"Miscellanea Austriaca," 2 vols. 4to. Vienna, 1778, 1781. It contains some observations relative to animals.

JACQ.—JACQUIN (J. F. de), son of the preceding.

The author of "Materials for a History of Birds" (in German), 1 vol. 4to. which contains some figures of rare birds. Vienna, 1784.

JOHNS.—JOHNSON (J. Rawlins), an English naturalist.

"A Treatise on the Medicinal Leach," 8vo. London, 1816, and the second part, Ibid. 1825.

"Observations on the genus Planaria," Philosophical Transactions, 1822, and continued in 1825.

JOUR. d'HIST. NAT.

By this title we designate a periodical work, of which only two volumes 8vo. were published, and which were united under the name of "Choix de Mémoires sur divers objets d'Histoire Naturelle, par MM. Lamarck, Bruguères, Olivier, Haüy et Pelletier." Paris, 1792.

JOURN. DE PHYS.

Under this appellation I quote the "Observations sur la Physique, l'Histoire Naturelle et les Arts," of which 2 vols. appeared annually, from 1773 to 1823: at first under the direction of the Abbé Rozier, then under that of Lamatherie, physician and adjunct professor in the Collège de France, and finally under the superintendence of M. de Blainville.

JURINE (Louis), Professor of Anatomy and Surgery at Geneva.

"Nouvelle méthode de classer les Hyménoptères et les Diptères," with plates, Hyménoptères, vol. 1. 4to. Geneva, 1807; a very superior work, and indispensable for the study of this order.

"Observations sur le Zenos vesparum," a memoir in 4to. with one plate, 1816.

"Observations sur les ailes des Hyménoptères," a memoir, with plates, published in the twenty-fourth volume of the Memoirs of the Academy of Sciences of Turin.

"Histoire des Monocles," 1 vol. 4to. with plates. Geneva, 1820.

His second son, whose demise is to be regretted, has published in the seventh volume of the *Annales du Muséum*, &c., an excellent Memoir on the *Argulus foliaceus*. See Argulus in this work.

KEMPF.—KEMPFFER (Engilbert), a German physician, who travelled in Persia, India, and Japan, born at Lemgo, in the county of Lippe in 1651, died 1713.

"*Amœnitatum Exoticarum*," fascic. V. 4to. Lemgo, 1712.

"A Description of Japan" in German, translated into French under the title of "*Histoire Naturelle, Civile et Ecclésiastique du Japon*," 2 vols. folio. La Haye, 1729.

KAUP, a German naturalist.

Author of the notes on Reptiles in the *Isis* of Oken.

KIRB.—KIRBY (Wm.), an English clergyman, member of the Linnæan Society, rector of Barham, in the county of Suffolk, &c.

"*Monographia Apum Angliæ*," 2 vols. 8vo. with plates. Ipswich, 1802.

He has published, in the ninth volume of the *Transactions of the Linnæan Society*, a Monograph of the Bees of England, and in the eleventh, that of the Strepsiptera.

He has lately, in conjunction with M. Spence, published a new edition of the "*Introduction to Entomology*," 4 vols. 8vo. with plates. London, 1828.

He has also written several Memoirs on various Insects, for the *Linnæan Transactions*, and the *Zoological Journal*, most of which we have quoted.

KLEEM.—KLEEMAN (C. F. C.), a painter at Nuremberg, born 1735, died 1789.

"*Beytraege zur Natur Oder Insectengeschichte*," 1 vol. 4to. Nuremberg, 1761. A supplement to the work of Rœsel his father-in-law, forming the fifth volume.

KL.—KLEIN (J. T.), Secretary of the Senate of Dantzick, a laborious author who has written on every branch of natural history, but without taste or genius; born in 1685, died 1759.

Cuv. Table of Authors.

"*Summa Dubiorum circa classes Quadrupedum et Amphibiorum Linnæi*," 1743.

"*Quadrupedum Dispositio et brevis Historia Naturalis*," 1751.

"*Historiæ Avium Prodrömus*," 1750.

"*Stemmata Avium*," 1759.

"*Tentamen Herpetologie*," 1755.

"*Historiæ Naturalis Piscium promovendæ missus*," V. 1740—1749.

"*Mantissa Ichthyologica*," 1746.

"*Methodus Ostracologica*," 1753.

"*Descriptiones Tubulorum Marinorum*," 1737.

"*Naturalis Dispositio Echinodermatum*," 1734.

KLUG.—KLUG (Francis), physician at Berlin.

"*Monographia Siricum Germaniæ, atque Generum illis Adnumeratorum, cum tabulis æneis coloratis VIII.*" 1 vol. 4to. Berlin, 1803.

Various Memoirs on different genera or species of Hymenoptera published among those of the Society of Naturalists of Berlin.

"A Critical Review of the Genera of Fabricius derived from that of Apis, Lin." in the *Entomological Magazine* of Illiger, 1807.

"*Entomologische Monographien*," 1 vol. 8vo. with plates. Berlin, 1824.

"*Proscopia, Novum Genus Insectorum Orthopterorum*," folio, with 2 plates.

"*Entomologiæ Brasilianæ Specimen*." And several Monographs in the German language.

KNOCH (A. G.)

"*Neue Beytraege zur Insectenkunde*," 1 vol. 8vo. with plates. Leipsic, 1801.

KNORR and WALCH, or KNORR, &c., or WALCH PETRIF. of KNORR.

KNORR (George Wolfgang), an engraver at Nuremberg, born 1705, died 1761, and

WALCH (J. E. E.), Professor at Jena, jointly published a work called the

"*Collection of the Monuments of the revolutions experienced by the terrestrial globe, containing petrifications*, &c. 4 vols. Nuremberg, 1775—1778.

I quote them in relation to certain Testacea and Lithophyta.

I also quote, under the title of **KNORR VERGN., or KNORR DELIC.**, a work of the same engraver, editions of which are to be found in various languages, styled in German, *Vergnügungen*, &c. *Deliciæ*, in Latin, and in French, *Amusements des yeux et de l'esprit*, or *Collection de Coquillages*,

R r

&c. 6 vols. 4to. Nuremberg, 1760, 1773.

KÖHL.—KÖHLREUTER (J. G.)

We quote several of his Memoirs, inserted in the Nov. Comment., Acad. Petrop.

KRUSENSTERN, a Russian admiral,

Whose voyage round the world contains several observations relative to Natural History by Tilesius.

KUHL (Henry), a young naturalist of Hanau, born in 1797, who died at Batavia, where he was engaged in collecting for the Museum of the Netherlands, in company with a young Hollander named Van Hasselt. Their collections were immense, and included all the classes. Kuhl has left us in German

"Materials for Zoology and Comparative Anatomy, Monographs of the Parrots, Petrels, Bats of Germany," &c.

LAC. or LACEP.—LACEPEDE (B. G. E. de la Ville Courte de), Professor of the Muséum d'Hist. Nat., member of the Académie des Sciences, &c. &c. born at Agen.

I have frequently quoted his three principal works, which form a sequel to the great "Histoire Naturelle" of Buffon.

"Histoire Naturelle, Générale et Particulière des Quadrupèdes Ovipares et des Serpents," 2 vols. 4to. Paris, 1788—1789.

"Histoire Naturelle, &c. des Poissons," 5 vols. 4to. Paris, 1798—1803.

"Histoire Naturelle, &c. des Cétacés," 1 vol. 4to. Paris, 1804.

Also certain Memoirs in the Annales du Muséum.

LAET (Jean de), a geographer of Antwerp in the seventeenth century.

"Novus Orbis, seu Descriptionis Indiæ Occidentalis," lib. XVIII. 1 vol. folio. Leyden, 1633.

LAICH.—LAICHTING (J. N. de), Professor at Inspruck, born 1757.

"Verzeichniss der Tyroler Insecten," with plates, 2 vols. 8vo. Zurich, 1781—1784.

LAM.—LAMARCK (Jean-Baptiste DE MONNET, Chevalier de), Professor of the Muséum d'Hist. Nat., and member of the Académie des Sciences, born at Basentin, in Picardie in 1743; died at Paris in December 1829.

Of the numerous works of this celebrated naturalist I have chiefly quoted the "Système des Animaux sans vertèbres," 1 vol. 8vo. Paris, 1801.

"Extrait du Cours de Zoologie sur les Animaux sans vertèbres," 8vo. Paris, 1812.

"Histoire Naturelle des Animaux sans vertèbres," 7 vols. 8vo. Paris, 1815—1822.

"Mémoires sur les Coquilles," published in the Annales du Muséum.

The author having become blind during the publication of this work, was aided, in the Bivalves, by M. Valenciennes, and in the following classes, by Mademoiselle Lamarck, his eldest daughter.

LAMARTINIERE, a French naturalist, one of the unfortunate companions of La Peyrouse.

Quoted for a Memoir on some parasitical animals, published in the Journal de Physique for 1787, and at the end of the Voyage de la Peyrouse.

LAMBERT, an English naturalist.

Author of Memoir on the Bos Frontalis, in the seventh volume of the Linnæan Transactions.

LAMOUR.—LAMOUROUX (J. V. F.), a naturalist of Agen, Professor at Caen.

Quoted for certain Memoirs in the Annales du Muséum, and for a "Histoire des Polypiers," of which I saw a part in MS., at the time of my first edition. It was published in 1 vol. 8vo. 1817.

"Exposition Méthodique de l'ordre des Polypiers," with the plates of Ellis and Solander, and some new ones, 1 vol. 4to. Paris, 1821.

"Dictionnaire des Zoophytes," forming part of the Encyclopédie Méthodique, 4to. Paris, 1824.

LANGSD.—LANGSDORF, a German naturalist who accompanied Admiral Krusenstern, and established himself at Brazil.

Author of certain Memoirs, and quoted as having given names to the various objects he discovered.

LAPEYR.—LAPEYROUSE(Philippe Picot, Baron de), Professor of Natural History at Toulouse.

"Description de plusieurs espèces d'Orthoceratites et d'Ostracites," 1 vol. folio, Nuremberg, 1781.

I also quote certain articles written by him for the Dictionnaire des Oiseaux of the Encyclopédie Méthodique.

LAROCHE (De), a young physician of Paris, prematurely snatched from the sciences by death.

Author of Memoirs in the Annales du Muséum, and one in particular, Sur les Poissons d'Ivica, in the thirteenth volume of that collection.

LASP.—LASPEYRES (J. H.), a municipal officer of Berlin.

"Sesia Europea, Iconibus et Descriptionibus illustrata," 1 vol. 4to. Berlin, 1801.

"Critical observations on the Systematic Catalogue of the Lepidoptera of the Environs of Vienna," inserted in the Magazin für Insectengunde of Illiger, &c.

LATH.—LATHAM (John), Fellow of the Royal Society, born 1740.

This author has enriched the science of Ornithology, in particular, with new and beautiful species, but his works, which are not written with critical accuracy, should be read with caution.

"A General Synopsis of Birds," 3 vols. 4to. and two Supplements. London, 1782, et seq.

"Index Ornithologicus," 2 vols. 4to. London, 1790.

LAT.—LATREILLE (Pierre-André), Professor of the Muséum d'Histoire Naturelle, member of the Académie des Sciences, &c. born at Brives, in 1762.

"Histoire Naturelle des Salamandres," 1 vol. 8vo. with plates. Paris, 1800.

"Histoire Naturelle des Reptiles," forming a sequel to Deterville's Buffon, 4 vols. 12mo. with plates.

"Précis des Caractères Génériques des Insectes," 1 vol. 8vo. Brives, 1796.

"Genera Crustaceorum et Insectorum," 4 vols. 8vo. with plates. Paris, 1806—1807.

"Histoire Naturelle des Crustacés et des Insectes," forming a sequel to Sonnini's edition of Buffon, 14 vols. 8vo. with plates. Paris, 1802—1805.

"Histoire Naturelle des Fourmis," 1 vol. 8vo. with plates. Paris, 1802.

His Memoirs inserted in the Annales du Muséum, &c.

The entomological portion (partly written by him) of the Nouveau Dictionnaire d'Histoire Naturelle, and of the Encyclopédie Méthodique, and the whole of the same part in the Observations de Zoologie et d'Anatomie Comparée, or the second part of the Travels of Messrs. de Humboldt and Aimé Bonpland.

"Mémoires de la Soc. d'Histoire Naturelle de Paris," 4to.

"Esquisse d'une Distribution Générale du Règne Animal," 1 vol. 8vo. Paris, 1824.

"Familles Naturelles du Règne Animal," 1 vol. 8vo. Paris, 1825.

Various general Memoirs on Insects, published among those of Mus. d'Hist. Nat.

The description of the Insects collected by Caillaud in his travels in Nubia, which forms part of this Narrative.

The Entomological portion of the second edition of the Nouveau Dictionnaire d'Histoire Naturelle, and various articles of the Dictionnaire Classique d'Histoire Naturelle, as well as those relative to the same subject, of the Encyclopédie Méthodique.

The description (Ann. der Sc. Gener.), of a new genus of Spider.

LAUR. or LAURENT.—LAURENTINI (J. N.), a physician of Vienna.

"Specimen medicum exhibens Synopsin Reptilium emendatum," 1 vol. 8vo. Vienna, 1768.

This thesis is said to have been written by Winterl, since celebrated as a paradoxical chemist.

LEACH (W. E.), an English physician and naturalist, one of the Curators of the British Museum.

A Monograph of the genus Meloe, with plates, inserted in the Transactions of the Linnean Society.

"Malacostraca Podophthalma Britannia," 4to. with fine coloured plates. London, 1815, 1816. Eight numbers have been published.

"A General Arrangement of the Classes Crustacea, Myriapoda and Arachnides, constituting part of the eleventh vo-

lume of the Transactions of the Linnean Society. An extract of this work is given in the Bulletin de la Société Philomathique.

"On the Classification of the Natural Tribes of Insects, Notonectidea," published in the twelfth volume of the above mentioned Transactions.

"Description of some new genera and species of Animals discovered in Africa," by T. C. Bowdich, a half sheet in 4to.

"Zoological Miscellany," 3 vols. 8vo. London, 1817.

"On the Genera and Species of Proboscideous Insects," 1 vol. 8vo. with plates. Edin. 1817.

"Appendix, No. 10, to a general notice of the animals taken by Mr. John Cranch, during the expedition to explore the source of the river Zaire," 4to.

Various articles in the Dictionnaire des Sciences Naturelles, relative to the Crustacea, and Memoirs in the Linnean Transactions.

LE CL.—LE CLERC, naturalist at Laval, author of

"Observations sur la corne du Psile de Bosc," presented to the Académie des Sciences, in 1815, and of other interesting observations.

LEC., or LE C.—LE CONTE, an American naturalist, and officer in the service of the United States.

Author of various memoirs on Quadrupeds, Reptiles, &c., published in the Journal of the Academy of Natural Sciences of Philadelphia.

LEFEBV.—LEFEBVRE (Alexander), a French naturalist,

Has published in the Annales de la Société Linnéenne, a description of several new Insects taken by him in Sicily, and that of three Lepidoptera.

LEGAUT (François), a Protestant of Burgundy, who sought refuge in Holland.

"Voyages et Aventures de Fr. Leguat et de ses Compagnons," 2 vols. 12mo. London, 1720. They contain good figures of various animals.

LEISLER.

Author of a Supplement to Bechstein's Birds of Germany. Hanau, 1812, 1813.

LEPEL.—LEPELLETIER DE SAINT FARGEAU (Amédée), a naturalist of Paris. Author of

"Monographie des Chrysis des Environs de Paris," in the Ann. du Mus. d'Hist. Nat., No. 58.

"Mémoire sur les Araignées" in the Bulletin de la Société Philomathique, April 1813, No. 67.

"Monographia Tenthredinetarum Synonymia Extricata," 1 vol. 8vo. Paris, 1823.

Jointly with M. de Serville, of the article on Insects in the tenth volume of the Encyclopédie Méthodique.

He has communicated to the Académie des Sciences, Observations on the coition of different species of Volucella, a genus of Dipterous Insects.

LESKE (N. G.), Professor at Leipsick, and subsequently at Marburg, born 1752, died 1786.

"Museum Leskeanum, Regnum Animale," 1 vol. 8vo. with coloured plates. Lips. 1789.

I also quote him for his enlarged edition of "Klein's Treatise on the Echini," 1 vol. 4to. Lips. 1778.

LESS.—LESSON (R. P.), naturalist, jointly with M. Garnot, of Duperrey's Expedition in the Coquille.

These two naturalists have edited the Zoological part of the narrative of the above expedition; that part is not yet completed. M. Lesson is also the author of the

"Manuel de Mammalogie," 1 vol. 12mo. Paris. 1827.

"Manuel d'Ornithologie," 2 vols. 12mo. Paris, 1820.

"Manuel de l'Histoire des Mollusques et de leurs Coquilles," 2 vols. 12mo. Paris, 1829. His

"Histoire des Oiseaux Mouches," with excellent plates, now being published.

LESUER (C. A.), a French naturalist, from Havre.

One of the draughtsmen who accompanied Baudin, and one of Péron's most efficient and zealous co-operators in Zoological researches. He has published some Zoological Observations in the Bulletin des Sciences, and the prospectus of a great work on the Meduse, accompanied by specimens of several of the plates. He has also furnished various papers for

the Journal of the Academy of Natural Sciences of Philadelphia, the Mémoires du Mus. d'Hist. Nat., &c.

LEUKARD (F. S.), author of

"Zoological Fragments," Helmstadt, 1819.

The Mollusca of the Voyage of Ruppel.

LEW.—LEWINS (J. W.), author of the

"Natural History of the Lepidopterous Insects of New South Wales," with coloured plates, 1 vol. 4to. London, 1805.

"Natural History of the Birds of New Holland."

LICHT.—LICHTENSTEIN (A. A. H.), Professor of the Oriental Languages at Hamburg, born in 1753.

A dissertation on the genus *Mantis* of Linnæus, in the sixth volume of the Linnean Transactions.

LICHTENSTEIN (H.), Professor at Berlin.

"Voyage to the Cape of Good Hope," 2 vols. 8vo. Berlin, 1811.

Various Memoirs on the Antilopes, the genus *Dipus*, the Animals of Marcgrave, &c. published among those of the Academy of Berlin.

LINDROTH, a Swedish naturalist.

Author of a paper in the nineteenth volume of the New Stockholm Memoirs.

LINK (J. H.), a physician at Leipzig, born in 1674, died in 1734.

"De Stellis Marinis, liber singularis," published by Christ. Gabr. Fischer, 1 vol. folio. Leipzig, 1733.

L. or LIN.—LINNÆUS or LINNÉ (Charles de), Professor of Natural History at Upsal, and author of the great reform in the nomenclature of natural History. He was born in 1707, and died in 1778. I quote his

"Systema Naturæ," particularly the tenth edition of 1757; the twelfth of 1766; and above all, the thirteenth edition, published by Gmelin, 7 vols. 8vo. Leipzig, 1788.

"Amœnitates Academicæ," a collec-

tion of theses, in 10 vols. 8vo. 749 et seq.—1790.

"Museum Adolphi Frederici Regis," with thirty-three plates, 1 vol. folio. Stockholm, 1754.

The author himself, in his other works, quotes a second volume of this latter one; it is a small octavo.

"Museum Ludovicæ Ulricæ Reginae," 1 vol. 8vo. Stockholm, 1764.

"Fauna Suecica," 1 vol. 8vo. first edition, 1746; second, 1761; the third by Retzius, Leipzig, 1800, only containing the Vertebrata.

LIN. TRANS., or TRANS. LIN. Soc., or LIN. Soc.

"Transactions of the Linnean Society of London," 13 vols. 4to. London, 1791, et seq.

LISTER (Martin), an English naturalist, and physician to Queen Anne, died 1711.

"Historia sive Synopsis Methodica Conchyliorum," with 1059 engravings, 1 vol. folio. London, 1689—1693.

There is another edition, with the synonyms of Linnæus, published by William Huddesford. London, 1770.

"Historia Animalium Angliæ, de Araneis, de Cochleis, tum Terrestribus tum Fluvialibus, de Cochleis Marinis." London, 1678.

The part relating to the Spiders is also found in the "Historia Insectorum" of Ray.

LYON.—LYONNET (Peter), Interpreting Secretary to the United Provinces, born in 1707, died in 1789.

"Traité Anatomique de la Chenille du Saule," 4to. La Haye, 1762, with plates, engraved by the author, a work which is at once the masterpiece of engraving and anatomy.

MACL., or MAC L.—MAC LEAY (W. S.), of the Linnean Society of London.

"Horæ Entomologicæ," 8vo. vol. 1st, in two parts, with plates. London, 1819, 1821.

"Annulosa Javanica," 4to., with plates. No. 1. London, 1825.

He has also published some general Memoirs on Insects, not referred to, however, in this work.

MACCAR.—MACCARI (P.), mem-

ber of the Société de Medicine of Marseilles, &c.

"Mémoire sur le Scorpion qui se trouve sur la Montaigne de Cette," &c. 1 vol. 8vo. 1810.

MACQ.—MACQUART (J.), member of the Société Royale des Sciences, d'Agriculture et des Arts of Lille.

A series of Memoirs on the "Insectes Diptères du Nord de la France," with plates representing their wings, published among those of the above Society, which form 4 vols. 8vo. with plates, Lille, 1826—1829.

MACRI (Zaverio), a Neapolitan naturalist.

"New Observations on the Pulmo Marinus of the Ancients," in Italian, 1 vol. 8vo. Naples, 1778.

MANN.—MANNERHEIM (C. G.), counsellor to the Emperor of Russia.

"Eucnemis Insectorum genus," with two plates, 1 vol. 8vo. Petrop., 1823.

"Observations on the genus Megalopus," in the tenth volume of the Memoirs of the Imperial Academy of Sciences of St. Petersburg, 1824.

"Description of forty new species of Scarabæides from Brazil," with plates, 4to.

MANTELL (G.), member of the College of Surgeons of London resident at Lewes.

"Illustrations of the Geology of the County of Sussex," 2 vols. 4to. London, 1822, 1827.

MARCGR.—MARCGRAV de Leibstadt (George), of Meissen in Saxony, a traveller in Brazil; born 1610, died in Guinea, 1644.

"Historiæ Rerum Naturalium Brasiliæ," lib. 8, in fol. Leyden and Amsterdam, 1648. An excellent work for the times, full of exact descriptions, and recognizable though rude figures of all kinds of animals.

MARSH.—MARSHAM, an English naturalist, Treasurer of the Linnæan Society, &c.

"Entomologia Britannica, sistens Insecta Britannicæ Indigena, secundum methodum Linnæanum disposita," tom. I., Coleoptera. London, 1802.

"A monograph of the genus Notoclea" (Paropsis, Olivier), with plates, published in the ninth volume of the Transactions of the Linnæan Society.

MARTENS (Frederick), a surgeon at Hambourg.

"A Voyage to Spitzberg," in German, 1 vol. 4to. Hambourg, 1675.

It is useful with respect to animals of the Arctic Ocean.

MARTENS (George de), Secretary of the Supreme Court of Wirtemberg.

"A Voyage to Venice," 2 vols. 8vo. Ulm, 1824. It contains a Catalogue of the Fishes of that port.

MARTINI (F. H. G.), a physician of Berlin, born 1729, died 1778. He commenced the great conchyliological work entitled the

"Systematic Cabinet of Shells," 10 vols. 4to. and 1 of Suppl., with coloured plates. Nuremberg.

The first three volumes, 1769—1777, are from his pen, the other from that of Chemnitz.

MATHIOLE (P. A.), of Sœna, born 1500, died 1577.

In his Commentary on Dioscorides, he enters into details of various animals.

MAUD.—MAUDUIT (R. J. E.), a physician at Paris, who died in 1792.

Author of the "Dictionnaire des Oiseaux" of the Encyclopédie Méthodique.

MAUPERT.—MAUPERTIUS (P. L. M. de), member of the Académie des Sciences, president of that of Berlin, &c. born 1678, died 1759. An astronomer and geometrician, also author of certain Memoirs on Natural History.

"Expériences sur les Scorpions," in the Mémoires de l'Acad. des Sciences, 1731.

MAURICE DE NASSAU (Prince),

or rather Count John Maurice de Nassau-Siegen, born 1604, the Dutch governor of Brazil from 1637 to 1644.

He encouraged the labours of Marcgrave in that country, and drew several fishes which have been engraved and published in the Ichthyology of Block. He died in the service of Brandebourg in 1679.

MECKEL (J. F.), Professor at Halle. We quote his

- "Materials for Comparative Anatomy" (in German,) 8vo. Leipzig, 1808.
- "A treatise on the Ornithorhynchus," folio. Leipzig, 1826.

MEG.—MEGERLE DE MUHL-FIELD (J. C.)

Author of "A Classification of Bivalve Shells," inserted in the Magazine of the Society of the Friends of Nature of Berlin.

MEHLIS (Edward).

- "De Distomate Hepatico et Lanceolato," folio. Gottingen, 1825.

MEIG.—MEIGEN (J. G.), a German naturalist.

This author has published (in German), a work on the "Diptera of Europe," now forming 5 vols. 8vo. accompanied with plates representing at least one species of each genus, with the details of their characters.

M. Baumaier published an extract from the same work, under the title of a "Nouvelle Classification des Mouches à deux ailes," 8vo. Paris, 1800.

MEM. DE LA SOC. D'HIST. NAT.

- "Mémoires de la Société d'Histoire Naturelle de Paris," 1 vol. 8vo, 1799, the only one that appeared.

There is another work with a similar title, in 3 vols. 4to. 1823, et seq.

MERIAN (M. S.), a German lady established in Holland, born 1647, died 1717. She has left us two posthumous works, remarkable for the beauty of the drawings:

- "De Generatione et Metamorphosis Insectorum Surinamensis," 1 vol. folio. The Hague, 1726.
- "Histoire des Insectes d'Europe," trans-

lated into French by Mairët, 1 vol. folio. Amsterdam, 1730.

MERR.—MERREM (Blaise), born at Bremen, Professor of Natural History at Marburg.

- "Avium Rariorum et minus Cognitarum Icones et Descript.," four Nos. 4to. Leipzig, 1786.
- "Materials for the Natural History of Reptiles" (in German), 2 Nos. 4to. Duisbourg and Lemgo, 1790. All that it contains relates to Serpents.
- "Tentamen Systematis Amphibiorum," in Latin and German, 1 vol. 8vo. Marburg, 1820.

MESNARD. — MESNARD DE LA GROVE, a naturalist of Angers, and my adjunct in the Collège de France, died in 1827.

Author of various Memoirs in the Annales du Museum, Journal de Physique, &c.

MEYER and WOLF.

- "Taschenbuch," &c. or Almanack of the Birds of Germany, 2 vols. 8vo. Frankfort, 1810. The first volume contains the terrestrial birds by Wolf; the second the water-birds by Meyer. This work is filled with excellent observations.

MIG.—MIGER (Felix), a naturalist at Paris.

- "Mémoire sur les Larves des Insectes Coléoptères Aquatiques," inserted in the fourteenth volume of the Annales du Museum

MIK.—MIKAU (I. C.), a Bohemian naturalist.

- "Monographia Bombyliorum Bohemia," with plates, 8vo. Prague, 1796.

MILLER (J. S.), an English naturalist.

- "Natural History of the Crinoides," and a "Memoir on the Belemnites," 4to. Bristol, 1821. In the Transactions of the Geological Society of London, second series, vol. II. part I.

MITCHELL, an American naturalist and physician.

- I chiefly quote his work on the "Fishes of New York," in the Trans. of the Literary and Philosophical Society of New York. He has also published

other Memoirs in the Annals of the New York Lyceum, and in the Journ. of the Academy of Natural Sciences of Philadelphia.

MOEHR.—MOEHRING (P. H. G.), a physician at Jever.

"Avium Genera," 8vo. Aurich, 1752.

MOLIN.—MOLINA (the Abbé J. I.), an ecclesiastic of Chili, resident in Italy.

"Essai sur l'Histoire Naturelle du Chili," in Latin, and translated into French by Gruvel, 1 vol. 8vo. Paris, 1789. This work was written in Italy from memory, and contains many doubtful passages.

MONTAG.—MONTAGU (George), an English naturalist.

Author of descriptions of various species of Birds, Fishes, Mollusca and Crustacea, in the Transactions of the Linnæan and Wernerian Societies of London.

MONTGRE a physician of Paris, who died in the colonies.

I quote his "Mémoire sur les Vers de Terre," published in the Mémoires du Muséum.

MONTF.—MONTFORT (Denis de), a singular man, who styled himself an ancient naturalist of the King of Holland; he perished through want in the streets of Paris in 1820 or 1821. I principally quote his

"Conchyliologie Systématique," a sort of Genera Conchyliorum, where the genera are extremely numerous, and represented by wood cuts, executed by the author, in as exact a manner as can be done by that species of engraving.

There are but two volumes 8vo. which contain the Univalves only. Paris, 1808, 1810.

He is also the author of the first four volumes of the "Histoire Naturelle des Mollusques," that form a sequel to Sonnini's Buffon, Paris, 1802, in which he has inserted apocryphal figures. They merely contain the generalia and the Cephalopoda.

MOQ. TAND.—MOQUIN-TANDON (A.), a physician of Montpellier, Professor at Marseilles.

"Monographie de la famille des Hirudinées," 4to. Montpellier, 1826.

MOREAU DE JONNES, corresponding member of the Institute.

Quoted as author of several Memoirs on the animals of the Antilles.

MORREN (C. F. A.), a naturalist of Belgium.

"De Lumbrici Terrestris Historia Naturali nec non Anatomia," 4to. Brussels, 1829.

MOUFF.—MOUFFET (Thomas), an English naturalist, died about 1600.

"Insectorum sive Minimorum Animalium Theatrum," 1 vol. folio, with five hundred wood cuts. London, 1634.

It was published by Theodore de Mayerne, a Frenchman and physician to James I. It is the first special work on Insects.

STAT. MULL.—MULLER (Philip Louis Statius), Professor at Erlang, born in 1725, died 1776.

Author of a bad translation, into German, of the Systema Naturæ of Linnaeus, from the Dutch translation of Houttuyn, 9 vols. 8vo. Nuremb. 1773—1776, containing the animals only.

MULL.—MULLER (O. F.), a Dane, Counsellor of State, and one of the most laborious observers of the eighteenth century, born 1730, died 1784. I quote his

"Von Würmern der Süßen und Salzen Wassers," 1 vol. 4to. or fresh and salt water worms.

"Vermium Terrestrialium et Fluvialium Historia," 2 vols. 4to.

"Zoologia Danica," folio, with coloured plates. The first three numbers, Copenhagen, 1788, 1789, are from his pen; the fourth from Abildgaardt, Vahl, &c.

"Zoologia Danica, Prodromus," 1 vol. 8vo. Haniæ, 1776.

"Entomotraca seu Insecta Testacea," 1 vol. 4to. with plates. Lips. and Havnæ, 1785.

"Hydrachnæ," 1 vol. 4to. with coloured plates. Lipsiæ, 1781.

"Animalcula Infusoria," 1 vol. 4to.

NACCARI (L. F.), librarian of the seminary of Chioggia.

"*Ittiologia Adriatica*," published in the *Physical Journal of Pavia*, vol. V. Dec. 11, 1822.

NARDO (Domenico), an Italian naturalist established at Chioggia.

He made some additions to the work of Naccari in the *Physical Journal of Pavia*, XVII.

NATTER.—**NATTERER**, an Austrian naturalist, who travelled in Brazil.

Author of various interesting observations on the animals of Germany.

NATURF.—**NATURFORSCHER.**

"*Der Naturforscher, or the Naturalist*," The title of a German Journal on Natural History, of which twenty-seven numbers were published at Halle, from 1774 to 1793. It abounds in important observations and good figures.

NAUM.—**NAUMAN** (J. A. and J. F.), father and son.

"*Natural History of the Birds of Germany*." An excellent work, the plates of which, though small, are perfect. The second edition, 8vo. Lips., 1820, et seq.—which we chiefly quote—is not yet terminated.

NEES D'ESENB. See **GRAVENHORST**.

NICOLS.—**NICOLSON**, an Irish Dominican, missionary to St. Domingo.

"*Essai sur l'Histoire Naturelle de St. Domingue*," 8vo. with plates. Paris, 1776.

NIEREMB.—**NIEREMBERG** (J. E.), a Jesuit, Professor at Madrid.

"*Historia Naturalis maxime peregrina, libris XVI. distincta*," folio, Antwerp, a compilation of but little value.

NILS.—**NILSON** (S. V.), Curator of the Lund Museum.

"*Ornithologia Suecica*," 2 vols. 8vo. Copenhagen, 1817, 1821.

NITZCH (C. L.), Professor at Halle.

Cuv. Table of Authors.

Author of various Memoirs on the osteology of Birds and the Invertebrata, published among those of Halle, Bonn, &c.

"*Spiroptera Stramosæ Descr.*," 4to. Halle, 1829.

"*Materials for a History of the Infusoria, or a description of the Cercaria and Bacillariæ*," 8vo. in German. Halle, 1817.

NOSEM.—**NOSEMAN** (N.), died 1786.

In conjunction with the engraver, Christian Sepp, author of a "*History of the Birds of the Netherlands*" (in Dutch), folio, with remarkably beautiful plates. The last numbers are by Houttuyn. Amsterdam, 1770, et seq.

OCHSENH. — **OCHSENHEIMER** (Ferdinand).

His work, written in German, on the "*Lepidoptera of Europe*," is the best that has been published with respect to critical accuracy, and the descriptions of the species. The first volume appeared at Leipzig in 1806. The one he is about to publish will contain the Noctuæ.

ODIER (Auguste).

"*Mémoire sur la Composition Chimique des parties cornées des Insectes*," inserted in the first volume of the "*Mémoires de la Soc. d'Hist. Nat.*," 4to. 1823.

OKEN, a German naturalist of Fribourg in Brisgau, established at Jena.

"*Philosophy of Nature*," 3 vols. 8vo. Jena, 1809.

"*A Treatise on Natural History*," of which the Zoology forms the third part, in two vols. 8vo. with an Atlas. Jena, 1816.

"*A Natural History for Schools*," 1 vol. Jena, 1821.

"*Esquisse de Système d'Anatomie, de Physiologie, et d'Histoire Naturelle*," 8vo. Paris, 1821.

He is the principal editor of the *Isis*, a journal which abounds in important articles relative to natural history.

OLAFSEN (Eggert), or **ERARD OLAVIUS**, a naturalist of Iceland, born 1726, died 1768.

Jointly with **BIORN POLVELSEN**, or **PAULI**, the first physician of that
S s

island, who died in 1778, author of a "Journey in Iceland," printed in 1772. I quote the French translation, 5 vols. 8vo. with an atlas. Paris, 1802.

OLIVI (The Abbé Joseph).

"Zoologia Adriatica," 1 vol. 8vo. with plates. Bassano, 1792.

It contains excellent observations on the Mollusca and Crustacea.

**OLIV.—OLIVIER (Antoine-Guil-
laume),** member of the Académie
des Sciences, Professor of Zoology
to the Ecole Vétérinaire of Alfort,
&c., born at Draguignan 1756, died
1814.

"Entomologie, ou Histoire Naturelle
des Insectes" (Coleoptera), 5 vols.
folio, with coloured plates. Paris,
1789—1808.

Insects of the Encyclopédie Méthodi-
que, from the fourth volume of the
Natural History to the eighth inclu-
sively.

"Voyage dans l'Empire Ottoman,
l'Égypte et la Perse," 3 vols. 4to.
with plates. Paris, 1807. It contains
interesting species of several classes of
animals.

OMALIUS DE HALLOY, governor
of the province of Namur, and a
learned geologist.

OPPEL (Michael), a Bavarian
naturalist, who died in 18—.

"Sur la Classification des Reptiles."
The first Memoir is on the Ophidia,
the second on the Batrachia, published
in the Annales du Muséum.

"The Orders, Families and Genera of
Reptiles" (in German), 4to. Munich,
1811.

I also quote his Memoir on the Tany-
pus, inserted in the Memoirs of the
Academy of Munich, 1812.

In conjunction with Messrs. Tiedeman
and Liboschitz, he commenced a work
on Reptiles, with numerous plates, of
which the Crocodiles only were pub-
lished. Heidelberg, folio, 1817.

OSBECK (Peter), a pupil of Lin-
naeus, and chaplain of a Swedish
vessel that went to China in 1750.

His narrative was printed in the Swedish
language in 8vo. Stockholm, 1757, and
translated into German by G. Rostock,
8vo. 1765.

OTTO (A. W.), a German natu-
ralist, Professor at Breslau.

Author of several Memoirs among
those of the Academy of Sc., of Na-
ture, and other collections.

"Conspectus Animalium quorundam,"
&c. Breslau, 1821.

"De Stermaspide Thalassmoides et
Siphostomate Diplochaito," 4to. Bres-
lau, 1820.

**PALIS. DE BEAUV.—PALISOT,
BARON DE BEAUVOIS (A. M. F.
J.),** member of the Académie des
Sciences, born 1755, died 1820.

"Insectes recueillis en Afrique et en
Amérique," &c., folio, with coloured
plates. Paris, 1805 et seq.

PALL.—PALLAS (P. S.), one of
the great Zoologists of modern times,
born at Berlin 1741, died 1812. I
quote his

GLIR.

"Novæ Species Quadrupedum e Glirium
Ordine," 4to. with thirty-nine coloured
plates. Erlang, 1778.

SPIC. or SPIC. ZOOL.

"Spicilegia Zoologica," fourteen num-
bers, 4to. Berlin, 1767—1780.

MISCEL.

"Miscellanea Zoologica," 1 No. 4to.
Haga, 1766.

VOY.

"Voyage dans plusieurs provinces de
l'Empire de Russie," French Tr., 8vo.
with an atlas. Paris.

NORD. BEYTR.

"Neue Nordische Beyträge," &c. (or
New Materials from the North for
Geography, &c.), 7 vols. 8vo. Peters-
burg and Leipzig, 1781—1796.

"Zoographia Russo-Adriatica," 3 vols.
4to. Some of the plates of this work
having been mislaid, it has not yet
been published, though the Academy
of St. Petersburg have granted the
use of the MSS. to certain naturalists.
Several of his Memoirs inserted among
those of the Academy last mentioned.

PANZ.—PANZER (G. W. F.), a
physician of Nuremberg, born in
1755.

"Faunæ Insectorum Germanicæ initia,
or Deutschlands Insecten," one hun-
dred and nine numbers, 12mo. each
consisting of twenty-four coloured
plates. Nuremberg, 1796, et seq.
One of the most useful entomological
works we possess, on account of the
accuracy of the figures.

"Entomologischer Versuch uber die Jurineschen Gattungen der Linneischen Hymenoptern," 1 vol. 12mo. Nuremberg, 1806.

"Index Entomologicus, pars prima, Eleutherata," 1 vol. 12mo. Nuremberg, 1813.

He has also published several other works on Insects, which I have not had occasion to quote.

PARK.—PARKINSON (James), an English naturalist.

"Outlines of Oryctology," 1 vol. 8vo. with plates.

"Organic Remains of a Former World," 3 vols. 4to. London. 1811.

PARRA (Don Antonio), an American naturalist.

Author of a "Description of various portions of Natural History," and chiefly of marine productions, written in Spanish, 4to. Havanna, 1784.

In this work the author describes and figures many fishes and Crustacea.

PASSER.—PASSERINI (Charles).

"Observations on the sound produced by the Sphinx Atropos," in Italian, from which M. Dufronches has given an extract.

PAYKULL (Gustavus), Counsellor to the King of Sweden, and member of the Academy of Stockholm.

"Fauna Suecica" (Insecta), 3 vols. 8vo. Upsal, 1800.

These three volumes refer exclusively to the Coleoptera; his descriptions are carefully and completely given.

He has also published good Monographs of the genera Carabus, Curculio and Staphylinus, but they are incorporated with the Fauna.

"Monographia Histeroideum," with plates of all the species, 1 vol. 8vo. Upsal, 1811. This Monograph is superior to the preceding ones, and is indispensably requisite for the study of these Insects.

He has published certain Memoirs on Birds.

PECK (William), Professor of Botany at the university of Harvard.

Author of a Memoir inserted in the fourth volume of the Agricultural Journal of Massachusetts, relative to a species of Rhynchænus, that attacks the Pine.

PENN. PENNT.—PENNANT (Thomas), a Welchman, born in 1726, died in 1798. A laborious naturalist. The works we chiefly quote are his

"History of Quadrupeds," 2 vols. 4to.

"British Zoology," 1 vol. folio.

"British Zoology," 4to. and 8vo. 4 vols.

"Arctic Zoology," 2 vols. 4to.

"Indian Zoology," 1 vol. 4to.

PERNETTY, a Benedictine who accompanied Bougainville to the Falkland Islands; he was afterwards librarian to Frederick II. of Prussia.

"Voyage aux Iles Malouines," 2 vols. 8vo. Paris, 1770. It contains some valuable details on Natural History, and useful figures.

PER.—PERON (François), born at Cerilly in 1775, died in 1810, a zealous traveller, prematurely snatched from the sciences, and one of those who have most contributed to enrich the Museum of Paris.

"He edited the first volume of the "Voyage de découverte aux Terres Australes en 1800—1804," 1 vol. 4to. with an atlas. Paris, 1807.

He was also the author of various Memoirs published in the Annales du Muséum.

PERRAULT, (Claude), a naturalist, architect of the Louvre and Observatory of Paris, born 1613, died 1688.

He published, from the dissections of Duverney, the "Mémoires pour servir à l'Histoire Naturelle des Animaux," which form the third volume of the Mém. de l'Acad. des Sciences, previous to 1699.

PETAG.—PETAGNA, (V.), of Naples.

"Specimen Insectorum Ulterioris Calabriae," 4to. with one plate. Francofurti, 1787.

"Elements of Entomology," 2 vols. 8vo.

PETERSB. or PETROP. MEM., or COMMENT., or NOV. COMMENT., or ACT., or NOV. ACT.

Such are the various titles of the Memoirs of the Imperial Academy of Sciences of St. Petersburg.

The "Commentarii," 14 vols. 4to. from 1726 to 1746.

The "Novi Commentarii," 20 vols. from 1749 to 1775.

The "Acta," 7 vols. from 1777 to 1782.

The "Nova Acta," 15 vols. from 1783 to 1802.

The "Memoirs," from 1809.

PHELSUM (Murck Van), a Dutch naturalist.

Quoted for his "Letter to C. Noseman on the Echini," 8vo. Rotterdam, 1774.

PHILLIP (Arthur), a German, and Governor of Botany Bay, in the English Service.

"The Voyage of Governor Phillip to Botany Bay," &c., with fifty-five coloured plates, London, 1789. An anonymous work, the part relative to natural history by Latham. There is a French translation of it without plates, in 1 vol. 8vo. Paris, 1791.

PHIPPS (C. J.), the celebrated English navigator, subsequently Lord Mulgrave; born 1746, died 1792.

"Voyage to the North Pole in 1773," translated into French by Desmeuniers, 1 vol. 4to. Paris, 1775.

PLANC.—PLANCUS (Janus) or **J. BIANCHI**, a physician of Rimini, born in 1693, died in 1775.

"De Conchis minus notis," 1 vol. 4to. with plates. Venice, 1739. The second edition greatly enlarged. Rome, 1760.

PL. COL.—PLANCHES COLORÉES.

"Planches Coloriées des Oiseaux, par MM. Temminck and Laugier," 4to. and folio, a great work, which forms a sequel to the Planches Enluminées, &c. of Buffon.

PL. ENL.—PLANCHES ENLUMINÉES.

The coloured plates of Birds, published for Buffon's Natural History, by Dabenton, Jun., amounting to one thousand and eight, but arranged without order. It is beyond all doubt the

richest collection of that class that has ever appeared. Most of the figures are good.

PLUM.—PLUMIER (Charles), who travelled for a long time in the service of Louis the Fourteenth; he was a great naturalist in all the branches of the science, although several of his works have remained unpublished.

I have had occasion to quote his Observations on Fishes and Reptiles, part of which are at Paris and part at Berlin, all in MS., with numerous drawings; a portion of them has been published by Bloch and Lacépède.

POLI, a naturalist and anatomist at Naples, author of the magnificent work, entitled

"Testacea utriusque Siciliæ eorumque Historia et Anatome," 2 vols. folio. Parma, 1791 and 1795. A third volume has been lately published.

PREV.—PREVOST (Benedict).

"Mémoire sur le Chirocéphale," published at the end of the Histoire des Monocles of Jurine. See JURINE.

PREYS.—PREYSLER (J. D.)

"Werzeichniss Boehmischer Insecten," 1 vol. 4to. Prague, 1790.

PR.MAX.—MAXIMILIAN PRINCE, DE WIED-NEUWIED.

His "Voyage to Brazil," 2 vols. 4to. with an atlas, Franckf., 1820 and 1821, his "Natural History of Brazil," of which two vols. 8vo. were published at Weimar, 1826, and several numbers of coloured plates, in folio. These are among the number of those productions of modern times which are richest in novelties.

PRUN.—PRUNER (Leonard de).

"Lepidoptera Pedemontana," 1 vol. 8vo. Turin, 1798.

Q. and G. or QUOY and GAYM., or GAIM.—QUOY and GAYMARD, fellow travellers who have already made two great voyages.

They have published the "Zoologie du Voyage de l'Uranie," 1 vol. Paris, 1824, with one volume folio of plates. They are at present occupied with

that of the "Voyage de l'Astrolabe," of which several numbers have already appeared.

RAFFLES (Sir Stamford), an English general and Governor of Sumatra, who has greatly contributed to our knowledge of the productions of that island.

I quote his paper on this subject in the thirteenth volume of the Linnæan Transactions.

RAF.—RAFINESQUE SCHMALTZ. (C. S.), naturalist, long a resident in Sicily, and at present established in the United States.

Author of numerous little works on new species, genera and systems.

"Caratteri di alcuni nuovi Generi et nuove Specie di Animali e Piante della Sicilia," 8vo. Palermo, 1810.

"Indice d'Ittiologia Siciliana," 8vo. Palermo, 1810.

"Principes Fondamentaux de Sémiologie," Palermo, 1814.

"Analyse de l'Univers, ou Tableau de la Nature," 8vo. Paris, 1815.

"Ichthyologia Ohiensis, or Natural History of the Fishes inhabiting the river Ohio," &c. 8vo. Lexington, Kentucky, 1820.

RAY (John), an English theologian, born 1628, died 1704; the first true methodiser of the animal kingdom, and the principal guide of Linnæus in that department of the natural sciences.

"Synopsis Methodica Animalium Quadrupedum et Serpentum," 8vo. London, 1683.

"Synopsis Methodica Avium et Piscium," 8vo. London, 1783.

"Historia Insectorum," 4to. London, 1710.

RANDOHR (C. A.), a German naturalist.

Author of a treatise "On the Digestive Organs of Insects," in the German language, 4to. Halle, 1811; and of "Materials for the History of certain German Monoculi," 4to. Ibid. 1805.

RANG (Sander), and officer of the Corps Royal of the French Navy, an able naturalist.

"Manuel de l'Histoire Naturelle des

Mollusques et de leurs Coquilles," 12mo. Paris, 1829.

"Etablissement de la famille des Béroïdes," published in the fourth volume of the Mém. de la Soc. d'Hist. Naturelle.

"Histoire Naturelle des Aplysies," 4to. Paris, 1828.

RANZANI (The Abbé Camillo), Professor of Natural History at Bologna, &c.

"Elements of Zoology" (in Italian). Bol., 1819, et seq., of which thirteen volumes, 8vo. have already appeared, all relating to Quadrupeds and Birds.

"Memoirs on Natural History" (also in Italian), 4to. Bologna, 1820.

RAPP (William), Professor at Tubingen.

"On the Polypi in general and the Actinise in particular," 4to. Weimar, 1829.

REAUM.—REAUMUR (R. A. Ferchault de), member of the Académie des Sciences, born 1683, died 1757; his labours were directed to all the sciences. We chiefly quote his

"Mémoires pour servir à l'Histoire des Insectes," 6 vols. 4to. with plates. Paris, 1734—1742. The seventh volume remains in MS.; the others were not commenced. An admirable work.

RED.—REDI (F.), a celebrated literary character and physician of Arezzo, born 1626, died 1698.

"Experimenta circa Generationem Insectorum," 3 vols. 12mo. with plates. Amstelodami, 1671, 1686, 1712.

REICH.—REICHENBACH (H. T. L.)

"Monographia Pselaphorum," 1 vol. 8vo. with plates. Lipsiæ, 1816.

REINW.—REINWARDT, a German naturalist, Professor at Leyden, who travelled through the Archipelago of India, where he made as splendid collection.

RENARD (Louis), editor of a collection of drawings of Fishes and other marine animals executed in

India by native painters, which, under a barbarous appearance, exhibit interesting and true species. One vol. folio. Amsterdam, 1754.

RENIERI, an Italian naturalist, Professor at Padua.

RETS.—**RETSIUS**, a Swedish naturalist, Professor at Lund.

Author of a greatly enlarged edition of the "*Fanna Suecica*" of Linnæus, of various theses, &c.

RICHARDS.—**RICHARDSON** (John) surgeon to the first expedition under captain Franklin.

Author of the Zoological appendix attached to the account of that voyage. London, 1823, in 4to.

RISS.—**RISSE** (A.), a naturalist of Nice, and a zealous observer.

"*Ichthyologie de Nice*," &c., 1 vol. 8vo. Paris, 1810, a work of extreme value on account of the number of new species which it contains.

"*Histoire Naturelle des Crustacés des environs de Nice*," 1 vol. 8vo. with plates. Paris, 1816.

These works have been reproduced in his "*Histoire Naturelle de l'Europe Merid.*," 5 vols. 8vo. Paris, 1826.

He has also published a description of some new Crustacea in the *Journal de Physique*.

ROBIN.—**ROBINEAU DESVOIDY**, physician at St. Sauveur, department of the Yonne.

"*Recherches sur l'Organization Vertebrales des Crustacés, des Arachnides, et des Insectes*," 1 vol. 8vo. Paris, 1828.

"*Essai sur la tribu des Culicides*," inserted in the second volume of the *Mémoires de la Société d'Histoire Naturelle*.

A great work on the Muscidae, which he calls "*Myodaires*," published in the *Mém. des Savants Etrangers*, &c.

"*Observations on the Olfactory Organ of the Crustacea, and on the use of the Halteres of the Diptera*."

ROCHEFORT (N.), a protestant minister of Holland.

"*Natural and Moral History of the Antilles and America*." The first edition is anonymous, and published at

Rotterdam, 1658. The part relative to Natural History is copied from the first edition of Dutertre, 1654

ROEM.—**ROEMER** (J. C.)

"*Genera Insectorum Linnæi et Fabricii, Iconibus illustrata*," 1 vol. 4to. Vitorii Helvetiorum, 1789.

His work is merely an edition of that of Sulzer on the same subject; with some new plates.

RÖS.—**RÖSEL DE ROSENHOF** (A. J.), a painter of Nuremberg, born 1705, died 1759, one the most ingenious observers, and an able painter of subjects of Natural History.

"*Historia Naturalis Ranarum nostratum*," 1 vol. folio. Nuremb., 1758.

"*Insecten-Belustigungen*," with excellent coloured plates, 4 vols. 4to. Nuremb., 1746, et seq. See Kleemann.

ROG.—**ROGER**, a naturalist of Bourdeaux.

"*Instructions à l'usage des personnes qui voudraient s'occuper à recueillir des Insectes pour les Cabinets d'Histoire Naturelle*," 8vo. Bourdeaux.

ROISS.—**ROISSY** (Félix de), a naturalist of Paris.

He completed, by the 5th and 6th vols. 8vo. the "*Histoire des Mollusques*," commenced by Denys de Montfort for Sonnini's Buffon.

RONDEL.—**RONDELET** (Guillaume), Professor at Montpellier, born 1507, died 1566.

"*Libri de Piscibus*," 1 vol. folio. Lyons, 1554. A work still useful for its numerous wood-cuts.

ROSS.—**ROSSI** (Pietro), an Italian naturalist, Professor at Pisa, died in 18—.

"*Fauna Etrusca, sistens Insecta quæ in provinciis Florentina et Pisana præsertim collegit Petrus Rossius*," 2 vols. 4to. with coloured plates. Liburni, 1790.

"*Mantissa Insectorum exhibens Species nuper in Etruria collectas, a Petro Rossio*," &c. with coloured plates, 2 vols. 4to. Pisis, 1792—1794.

ROUX (Polydore), Curator of the Museum of Marseilles.

"Ornithologie Provençale," 4to. with beautiful lithographic plates.

"Crustacés de la Méditerranée et de son littoral," 4to. with plates, the three first numbers, Marseilles, 1827—1828.

ROXBURGH, an English physician at Bengal.

I quote his paper on the Dolphin of the Ganges.

RUDOLPHI (C. A.), a German naturalist and anatomist, Professor at Gripswald and now at Berlin. Chiefly quoted for his classical work on the Intestinal Worms.

"Entozoa seu Vermium Intestinalium Historia Naturalis," 2 vols. 8vo. Amsterdam, 1808.

RUMPH (G. E.), a German merchant, born at Hanau in 1637, Intendant at Amboyna in the Dutch service, died in 1706.

"The Cabinet of Amboyna" (in Dutch), 1 vol. folio. Amsterdam, 1705.

"Theasurus Imaginum," &c. Haga, 1739, 1 vol. folio, with the same plates, but a more abridged text.

REPPEL (Edward), a naturalist of Franckfort.

Author of "Travels in Nubia," with excellent lithographic and coloured plates, representing new species of various classes, of which several numbers are already published in 4to. Franckf. 1826.

RUSSEL (P.), formerly a surgeon at Bengal.

"Serpents of the coast of Coromandel," 1 vol. folio, with a supplement and excellent plates. London, 17—.

"Description and figures of two hundred Fishes from the Coast of Coromandel," 2 vols. folio. London, 1803. Two capital works.

RUYSCH (Henry), son of the celebrated anatomist; he died before his father. Under the title of

"Theatrum Animalium," 2 vols. folio. Amsterd., 1718, he gave an edition of Johnstone, to which he added a copy of the same plates of fishes employed by Renard and Valentin.

SABINE, an English naturalist.

Author of the Appendix to Captain Parry's first voyage, and of various papers in the Transactions of the Linnean Society.

SAGE (B. G.), Chemist of the Academy of Sciences, died 1824.

"Mémoire sur les Belemnites," published in the Journal de Physique.

SAHL.—**SAHLBERG** (C. R.).

"Dissertatio Entomologica Insecta Fennica enumerans." Præs. C. R. Sahlberg, 8vo. Abœ, 1717, 1823.

"Periculi Entomographici," 1 vol. 8vo. with plates. Abœ, 1823.

SALERNE, a physician of Orleans.

Author of a translation of the "Synopsis Avium" of Ray, under the title of "l'Histoire Naturelle éclaircie dans une de ses principales parties, l'Ornithologie," &c. 4to. Paris, 1767.

The drawings are by the same hand that furnished those of Brisson and of the Planches Enluminées, and are frequently taken from the same specimens.

SALT, English consul in Egypt.

"Travels in Abyssinia." They contain some observations relative to natural history.

SALV.—**SALVIANI** (Ippolito), of Citta di Castello, a physician at Rome, born 1513, died 1572.

"Aquatilium Animalium Historiæ," 1 vol. folio, with numerous and excellent copperplate engravings of Fishes. Romæ, 1554.

SAV., or **SAVIGN**.—**SAVIGNY** (J. C.), member of the Académie des Sciences.

"Histoire Naturelle et Mythologique de l'Ibis," 1 vol. 8vo. Paris, 1805.

"Mémoires sur les Oiseaux de l'Egypte," in the great work on Egypt.

"Mémoires sur les Animaux sans Vertèbres," part first, No. 1, 8vo. Paris, 1816.

"Système des Annelides," published in the great work on Egypt, as well as his "Tableau Systématique des Ascidies."

SAVI (Paulo), a young natu-

ralist of Tuscany and Professor at Pisa.

Author of various good observations on the animals of that country, published in the *Giornale dei Letterati*. He has given in Italian two Memoirs on a species of *Iulus*, which have lately been reproduced with others of the same savant, in a work entitled "*Memorie Scientifiche di Paolo Savi, decade prima con sette tavole*," 1 vol. 8vo. Pisa, 1828.

SAY (Thomas), a French naturalist, established in the United States.

Author of various papers in the *Journal of the Academy of Natural Sciences of Philadelphia*, and the *Annals of the New York Lyceum*.

SCHÆFF.—SCHÆFFER (J. C.), a clergyman at Ratisbon, born in 1718, died in 1799.

"*Elementa Entomologica*," with coloured plates, 1 vol. 4to. Ratisbonne, 1769.

"*Icones Insectorum circa Ratisbon Indigenorum*," 3 vols. 4to. Ratisbon, 1769.

"*Apus pisciformis Insecti Aquatici Species noviter detecta*," 4to. with plates. Ratisbonne, 1757. This Crustaceous animal is the *Cancer Stagnalis* of Linnæus. See *Branchipus*.

"*Abhandlungen von Insecten*." Regensburg, 1764—1779.

SCELLENB. — SCHELLENBERG, (J. R.), painter and engraver at Zurich.

"*Cimicum in Helvetiæ Aquis et Terris degens Genus*," with plates, 1 vol. 8vo. Turici, 1800.

"*Genres des Mouches Diptères*," in French and German, with coloured plates. Zurich, 1803. The text is by two anonymous writers.

SCH., or SCHEUCHZ.—SCHEUCHZER (J. J.), a physician at Zurich.

"*Physique Sacrée*," 4 vols. folio. Amsterdam, 1732. It contains numerous figures of Serpents.

SCHINTZ, Secretary of the Society of Natural History at Zurich, the translator into German of the *Règne Animal*.

Author of the "*History of the Eggs and Nests of Birds*."

SCHLOSS.—SCHLOSSER, a physician at Amsterdam.

Author of certain "*Memoirs on Fishes*," jointly with Boddaert, published in the *Philosophical Transactions*.

SCHN.—SCHNEIDER (J. G.), the celebrated hellenist and naturalist, Professor at Franckfort-on-the-Oder, now at Breslau.

"*Amphibiorum Physiologiæ Specim.*" 4to. Fascic. I et II. Züllichow, 1797.

"*Historiæ Amphibiorum Naturalis et Litterariæ*," 8vo. Fascic. I et II. Jena, 1799, 1801.

"*The Natural History of Tortoises in general*," (in German), 1 vol. 8vo. Leipzig, 1783.

I frequently quote under his name his edition of the "*Systema Ichthyologiæ*" of Bloch, 8vo. with one hundred and ten plates. Berlin, 1801.

SCHCEPF (J. D.), a physician at Anspach, born 1752.

"*Historia Testudinum Iconibus Illustrata*," 4to. with coloured plates. Erlang, 1792, et seq.

SCHONEFELD (E. de), a physician of Hamburg.

"*Ichthyologia, &c. ducatum Slesvigi et Holsatiæ*," 4to. Hamburg, 1824.

SCHON.—or SCHÖNH.—SCHÖNHERR (C. J.), a Swede.

"*Synonymia Insectorum*," 2 vols. 8vo. with plates. Stockholm, 1806—1808.

"*Curculionidum Dispositio Methodica*," 1 vol. 8vo. Leipzig, 1826.

SCHRANK (F. de P.), a Bavarian naturalist, Professor at Ingolstadt, born in 1747.

"*Enumeratio Insectorum Austriæ Indigenorum*," 1 vol. 8vo. with plates. Augustæ Vindelicorum, 1781.

"*Fauna Boica*," 6 vols. 8vo. Nuremberg and Ingolstadt, 1798, et seq.

SCHREB.—SCHREBER (J. C. de), Professor at Erlang, born in 1739.

We chiefly quote his "*History of the Mammalia*" (in German), with coloured plates, 4to. Erlang, 1775, et seq.

There are also some French copies of the first parts. The greater part of

the plates are copied from Buffon, and coloured from the descriptions, although some of them are original and good.

SCHREIB.—SCHREIBERS (Charles de), Director of the Imperial Museum of Vienna.

The description of various unpublished or but little known Coleoptera, with plates, inserted in the sixth volume of the Transactions of the Linnean Society.

A Memoir on the Proteus in the Philosophical Transactions.

SCHRÖT.—SCHRÖTER, (J. S.), Lutheran superintendent at Buttstedt in the Duchy of Weimar, born in 1735. Author of numerous works on Conchyliology; we quote his

"History of Fresh-water Shells" (in German), 4to. Halle, 1779.

SCHWEIG.—SCHWEIGER (A. F.), a Prussian naturalist who was assassinated by his guide during a journey in the interior of Sicily.

"Prodromus Monographiæ Cheloniorum," in which he particularly describes the new species in the Museum of Paris. It is published in the "Archives of Königsberg," for 1812. He has also given us

"Observations during his Travels," in which he treats of the Corallines and yellow Amber, 4to. Berlin, 1819.

"A Manual of the Invertebrate and Inarticulated Animals," 1 vol. 8vo. Leipzig, 1820.

SCILLA (Agostino), a Sicilian painter.

"La Vana Speculatione disingannata dal Senso," 1 vol. 4to. Naples, 1670.

The first exact comparison of fossils with analogous recent bodies that was instituted. There is a Latin translation of this work in 4to. Rome, 1752.

SCOP.—SCOPOLI (J. A.). Professor of Botany and Chemistry at Pavia, born in 1723, died in 1788.

"Entomologia Carniolica," 1 vol. 8vo. Vindebonæ, 1763.

"Deliciæ Floræ et Faunæ Insubricæ," with plates, 4 vols. folio. Ticini, 1786—1788.

Cuv. Table of Authors.

"Introductio ad Historiam Naturalem," 1 vol. 8vo. Præge, 1777.

"Anni Historici-Naturales V." Lipsæ, 1768—1772, united in 1 vol. 8vo.

He also published some plates which are but little known, forming a sequel to his "Entomologia Carniolica."

SCORESBY, an English navigator, who re-discovered Oriental Greenland, and author of

"Arctic Regions," &c. 1 vol. London, 1816, which contains many valuable observations on the Cetacea.

SEB.—SEBA (Albert), a druggist of Amsterdam, born in 1665, died in 1736. Celebrated for his

"Locupletissimi Rerum Naturalium Thesauri Accurata Descriptio," 4 vols. folio. Amsterdam, 1734, 1765.

A work that I have frequently quoted, because it is enriched with numerous and excellent plates; the text, however, is of no authority whatever, being written without accuracy or judgment.

SELBY (P. J.)

Author of "Illustrations of British Ornithology," 8vo. Edinburgh, 1825, with a very large atlas, the most magnificent work on Ornithology that exists.

He also published various papers in the Zoological Journal, &c.

SENGUARD.—SENGUARDIUS (Wolferd.)

"Tractatus Physicus de Tarantula," 1 vol. 12mo. Lugduni Batavorum, 1668.

SERRES (Marcel de), Professor of Mineralogy to the Faculté des Sciences of Montpellier. Author of

"Mémoire sur les yeux composés, et les yeux lisses des Insectes," with plates, 1 vol. 8vo. Montpellier, 1813.

Several Memoirs on the Anatomy of Insects, published in the Annales du Muséum.

SERV.—SERVILLE, one of the writers for the Entomological Department of the Faune Française, and of the Encyclopédie Méthodique.

He has also published the last number

of the work of the late Palisot de Beauvois on the Insects collected by him in Africa and America; as well as extracts from various works on Insects, in the "Bulletin Universel" of Baron Férussac.

SHAW (Thomas), a theologian of Oxford, who travelled in Africa and the Levant.

His work, published in English at Oxford, in folio, 1738, has been translated into French under the title of "Voyage dans plusieurs parties de la Barbarie et du Levant," 2 vols. 4to. La Haye, 1743.

SH. or SHAW.—**SHAW (George)**, Adjunct Librarian of the British Museum, a laborious compiler and describer, died in 1815.

"The Naturalist's Miscellany," 8vo. London, 1789, et seq.; a numerous collection of coloured plates, mostly copies, with some that are original.

"General Zoology," London, 1800, et seq., several volumes, 8vo. with plates, most of them copies.

"Zoology of New Holland," a few numbers, 8vo. London, 1794 et seq. The work remains unfinished.

SLOANE (Hans), a former President of the Royal Society, born in 1660, died in 1753.

"Voyage to the Islands of Madeira, Barbadoes, Nevis, St. Christopher and Jamaica," with 274 indifferent or bad plates, 2 vols. folio. London, 1707, 1727.

SMEATH.—**SMEATHMAN (Hen.)**

His History of the Termites, published in the seventy-first volume of the Philosophical Transactions, has been translated into French by Dr. Rigaud of Montpellier, and inserted in the French translation of Sparrman's Voyage.

SMITH (Hamilton), an officer in the English service and a learned naturalist.

Author of a great portion of the additions to the English translation of the Règne Animal, and particularly of the Synopsis Mammalium, which terminates the third volume.

SOC. NAT. BERL., or BERL. MEM., or NAT. of BERL., or BERL. NAT.

The Memoirs of this Society have appeared successively under four different titles, in German.

1. "Beschäftigungen," (Occupations), 4 vols. 8vo. 1775—1779.

2. "Schriften," (Writings), 11 vols. 8vo. 1780—1794, the five last of which are also styled "Beobachtungen und Entdeckungen," (Observations and Discoveries).

3. "Neue Schriften," (New Writings), 4to. 1795—17 .

4. "Magazin," &c. (The Magazine of New Discoveries in Natural History), quarterly from 1807.

SOLD.—**SOLDANI (Ambrosio)**, General of the Camaldolites, subsequently Professor at Siena, author of various works on Microscopic Testacea, both fossil and recent.

"Saggio Oritografico Ovvero Osservazioni sopra le Terre Nautiliche," &c. 1 vol. 4to. Siena, 1780.

"Testaceographia ac Zoophytographia Parva et Microscopica," 3 vols. folio. Siena, 1789—1798.

SONNER.—**SONNERAT**, born at Lyons, died in Paris, 1814, an indefatigable collector.

"Voyage à la Nouvelle-Guinée," with one hundred and twenty plates, 4to. Paris, 1776. His first voyage.

"Voyage aux Indes Orientales et à la Chine," from 1774 to 1781, 2 vols. 4to. with one hundred and forty plates. Paris, 1782. His second voyage.

SONNINI DE MANONCOURT (C.S.) engineer, born at Lorraine, died in Wallachia in 1814. I quote his

"Voyage dans la Haute et Basse Egypte," with an atlas of forty plates, 3 vols. 8vo. Paris, 1799.

And sometimes his edition of Buffon, 8vo. Paris, Dufart, 1798.

SOWERB.—**SOWERBY (Jas.)**, and **SOWERBY (G. B.)**, his son, English naturalists and artists.

"The Genera of recent and fossil Shells," thirty numbers, 8vo.

"Fossil Conchology,"

Various papers in the Zoological Journal.

SPALL.—**SPALLANZANI (Lazzaro)**, the celebrated observer, Professor at Reggio, then at Modena, and finally at Pavia, born in 1729, died

in 1799. Of his numerous works we have only had occasion to quote the

"Opuscoli di Fisica Animale e Vegetabile," 1776.

They have been translated into French by Sennebier, 3 vols. 8vo. Geneva, 1787.

SPARM.—SPARMANN (Andrew), born in 1748, a pupil of Linnæus. He visited the Cape of Good Hope and China, and was subsequently a Professor at Upsal.

VOY.

"Voyage au Cap de Bonne-Espérance," a French translation, 3 vols. 8vo. Paris, 1787.

MUS. CARLS.

"Museum Carlsonianum," four small folio numbers. Stock., 1786, et seq. It contains figures of Birds, of which certain varieties are converted into species.

SPENCE (William), an English naturalist.

"A Monograph of the Cholevæ," that are found in England, published in the Transactions of the Linnæan Society.

SPENGL.—SPENGLER (L.), Curator of the Cabinet of the King of Denmark, born in 1720.

Quoted for certain Memoirs in the *Naturforscher*, &c.

SPIN.—SPINOLA (Maximilian), a Genoese noble, and a learned naturalist.

"Insectorum Liguriæ Species Novæ aut Rariores," with plates, 2 vols. 4to. Genæv., 1806—1808.

"Mémoire sur les Poissons de Ligurie;" one on the "Cératine Albilabre;" and the "Essai d'une Nouvelle Classification Générale des Diplolépaires," in the *Annales du Muséum*.

SPIX (John), a naturalist of Bavaria and member of the Academy of Munich.

Quoted for his Memoirs in the *Annales du Muséum*, and for his great works on the Zoology of Brazil, where he travelled with M. de Martius by order of the King of Bavaria.

"The Natural Hist. of New Species of

Monkeys and Bats" (in Lat. and Fr.), 1 vol. folio. Munich, 1823.

"New Species of Birds" (in Latin), with one hundred and nine coloured plates, 1 vol. 4to. Munich, 1824.

"New Species of Tortoises and Frogs" (in Latin), 4to. Munich, 1824.

"Nat. Hist. of New Species of Serpents," from the notes of the traveller, by John Wagler (Latin and French), 4to. Munich, 1824.

"Selected Genera and Species of Fishes," described by L. Agassiz, 4to. Munich, 1829.

SLAB.—SLABBER (M.), a Dutch naturalist.

"Natural Amusements, containing Microscopical Observations," &c. (in Dutch), 1 vol. 4to. Haarlem, 1778.

He is also the author of certain Memoirs, published among those of the Academy of Haarlem.

STEV.—STEVEN (C.) Director of the Imperial Botanical Garden of Odessa.

"Description of certain Insects of Caucasus and of Southern Russia," a Memorial in 4to. printed among those of the Imperial Society of Naturalists of Moscow, Vol. II.

STOCK. MEM.

"Memoirs of the Academy of Sciences of Sweden," of which 1 vol. 8vo. (in the Swedish language) has annually appeared since the year 1739. The first forty reach to 1779. Since 1780 they have been published under the title of the "New Memoirs," &c.

STOLL.—STOLL (Casper), a Dutch physician.

Supplement to the work entitled "Les Papillons Exotiques des trois parties du Monde" (in Dutch and French), 1 vol. 4to. Amsterdam, 1790, et seq.

"Représentation exactement coloriée d'après Nature, des Spectres, des Mantes, des Saterelles," &c. (in Dutch and French), 3 Nos. 4to. Amsterdam, 1780, et seq.

"Représentation exactement coloriée d'après Nature des Cigales et des Punaises" (in Dutch and French), 10 Nos. 4to. Amsterdam, 1780, et seq.

STORR (T. C. C.), Professor at Tübingen.

His thesis entitled "Prodromus Methodi Mammalium," Tub., 1780, and republished in the "Delectus Opusculorum ad Sc. Nat. Spect. de Ludwig," 1 vol. 8vo. Leipzig, 1790, has been of great use to us.

STRAUS.—STRAUS DURCKHEIM (H.)

"Considérations Générales sur l'Anatomie Comparée des Animaux Articulés, auxquelles on a joint l'Anatomie Descriptive du Hammeton," with plates, 1 vol. 4to. Paris, 1828.

The only work that can be compared to that of Lyonnet already mentioned. He has read to the Acad. des Sciences, a "Mémoire sur le Système tégumentaire et musculaire de l'Araignée aviculaire," Mygale of Le Blond, Lat.

STROEM (John), a pastor in Norway, born in 1726.

Author of several Memoirs inserted among those of Dronheim, Copenhagen, &c. and of a description of the district of Sondmer.

STURM (J.), a German naturalist and painter.

"Deutschland Fauna," with excellent plates, 2 vols. 8vo. Nuremberg, 1807.

SULZ.—SULZER (J. H.)

"Die Kennzeichen der Insecten," with plates, 1 vol. 4to. Zurich, 1761.

SURRIR.—SURRIRAY, a physician at Havre.

"Observations sur le fœtus d'une espèce de Calige," in the third volume of the Annales Générales des Sciences Physiques.

SWAINS.—SWAINSON, an English naturalist.

Author of various papers on Birds, published in the Linnæan Transactions and in the Zoological Journal; also of

"Zoological Illustrations," a work which forms a sequel to the Zoological Miscellany of Leach, and to the Naturalist's Miscellany of Shaw.

In conjunction with Dr. Horsfield he has published a Memoir on the Birds of New Holland, in the Linnæan Transactions.

SWAMMERDAM, (John), a Dutch physician, born at Amsterdam in 1637, died in 1680.

"Biblia Naturæ," 1 vol. folio (Latin and Dutch). Leyden, 1737, 1738. The principal writer on the Anatomy of Insects.

SWED.—SWEDER (N. S.), a Swedish naturalist.

Author of a Memoir published among those of Stockholm, 1784.

TEMM., and sometimes **T.—TEMMINCK (C. J.),** formerly Director of the Society of Sciences of Haarlem, and proprietor of a valuable zoological collection, and now Director of the Royal Museum of Leyden.

"Histoire Naturelle Générale des Pigeons et des Gallinacés," 3 vols. 8vo. Amsterdam and Paris, 1813, 1815.

The part containing the Pigeons has also been published in folio, with splendid coloured plates, by Madame Knip.

"Manuel d'Ornithologie ou Tableau Systématique des Oiseaux qui se trouvent en Europe," 1 vol. 8vo. Amsterdam and Paris, 1815.

"Monographies de Mammalogie," 4to. Paris, 1827.

"Planches Coloriées des Oiseaux," 4to. and folio, forming a sequel to the Planches Enluminées of Buffon. This work was published by Temminck jointly with M. Meiffren de Laugier, Baron de Chartrouse, &c. &c.

THIEN., or THIENEM.—THIENEMAN, Professor and Curator of the Museum of Dresden.

Author of Observations (in German) on the Animals of the North, and chiefly on the Phocæ, 8vo. with an atlas in 4to.

THIER.—THIERY DE MENONVILLE (N. J.), a French physician who visited Mexico for the purpose of carrying off the Cochineal.

"Traité de la culture du Nopal et de l'Education de la Cochinelle," 2 vols. 8vo. with plates. Paris, 1787.

THOMAS (P.), a physician of Montpellier.

"Mémoires pour servir à l'Histoire Naturelle des Sang-sues," pamphlet. 8vo. Paris, 1806.

THOMPSON (John W.), a surgeon of the English army.

"A Memoir on the Pentacrinus Europeus," 4to. Cork, 1827.

THOMPS.—THOMPSON (William), an English physician established at Naples.

Author of a Memoir on a Hippurites which he calls Cornucopia.

THUNB.—THUNBERG (C. P.), a Pupil of Linnæus, who visited the Cape of Good Hope and Japan, Professor at Upsal, born in 1743.

Quoted for various Memoirs published among those of the Academy of Stockholm.

TIEDEMAN (Frederick), Professor at Heidelberg.

"Anatomy of the Holothuria, Asterias, and Echinus," folio, Landshut, 1805: one of our most splendid Monographs of invertebrated animals.

TILES.—TILESIUS (W. G.), a German naturalist who sailed round the world.

Author of several Memoirs presented to the Academy of St. Petersburg, of observations on various new animals in the Voyage of Krusenstern, and previously of an "Annual of Natural History," in the German, 12mo. Leipzig, 1802.

TRANS. LIN. See **LINN. TRANS.**

TREITS.—TREITSCHKE (Frederick), a German naturalist.

The continuer of Ochseneimer's work on the Lepidoptera of Europe. The last volume (1829) contains the Pyralides.

TRMBL.—TREMBLEY (Abraham), a native of Geneva, born in 1710, and died in 1784; immortalized by his discovery of the reproductive power of the Polypus.

"Mémoires pour servir à l'Histoire des Polypes d'eau douce à bras en forme de cornes," with fifteen plates, 4to. Leyden, 1774.

TREUTL.—TREUTLER (F. A.), a German physician, author of a thesis entitled

"Observationes Pathologico-anatomicæ Auctarium ad Helminthologiam Hu-

mani Corporis Continentes," 4to. Leipzig, 1793.

TREVIR.—TREVIRANUS (G. R.), Professor at Bremen.

"On the Internal Organization of the Arachnides" (in German), with plates, 4to. Nuremberg, 1812.

TUCKEY (J. K.), a Captain of the British Navy.

"Relation d'une Expédition pour reconnaître le Zaire," the French translation, with an atlas in 4to. 2 vols. 8vo. Paris, 1818.

VAHL (Martin), a celebrated Danish botanist.

Author of certain Memoirs on Zoology, published among those of the Society of Natural History of Copenhagen.

VAILL., or LE VAILL.—LEVAILLANT (François), a celebrated traveller and collector, born at Surinam. His father was a Frenchman.

VOY. I.

"Voyage dans l'intérieur de l'Afrique par le Cap de Bonne-Espérance," 2 vols. 8vo. Paris, 1790.

VOY. II.

"Seconde Voyage dans l'intérieur de l'Afrique," &c., 1 vol. 8vo. Paris, 1795.

AFR.

"Histoire Naturelle des Oiseaux d'Afrique," 5 vols. 4to. Paris, 1799, et seq.

PERR.

"Histoire Naturelle des Perroquets," 2 vols. 4to. and folio. Paris, 1801.

OIS DE PAR.

"Histoire Naturelle des Oiseaux de Paradis et des Rolliers, suivie de celle des Toucans et des Barbas," 2 vols. folio. Paris, 1806.

"Histoire Naturelle des Promerops et des Guépriers," folio. Paris, 1807.

VAL.—VALENCIENNES (A.) Adjunct Naturalist to the Museum of Paris, and my fellow labourer in the great work on Fishes.

Author of various Memoirs published among those of the Museum, of the Annales des Sciences Naturelles, and of the Zoological Observations of M. de Humboldt.

VALENTYN (F.), a pastor at Amboyna.

"The East Indies, Ancient and Modern" (in Dutch), 5 vols. folio. Dordrecht and Amsterdam, 1724—1726.

The third volume contains numerous observations on the Natural History of Amboyna. The plates of the Fishes are identical with those of Renard.

VALL. — VALLOT, Professor at Dijon.

Has presented to the Académie des Sciences a Memoir on certain species of Cecidomyia, and has also published in the thirteenth volume of the Annales des Sc. Nat. some observations on the habits of the Anthribus Marmoratus, but which were made in Sweden by Dalman.

VANDELLI, an Italian naturalist, Director of the Museum at Lisbon.

Author of certain Memoirs on the Fishes of the river Amazon, published among those of the Academy of Lisbon.

VANDER LIN. — VANDER LINDEN, (P. L.), a physician and Professor of Natural History at Brussels.

Has published, in two Memoirs, 4to. a description of the Libellulæ of the territory of Bologna, and also in 1 vol. 8vo. that of all the species of the same family peculiar to Europe.

Also observations on European Hymenoptera of the family of the Fossores. The first number of a work entitled "Essai sur les Insectes de Java et des Isles Voisines;" a notice of the impression of an Insect enclosed in a piece of schistous limestone from Solenhofen in Bavaria. These three last Memoirs are published in the General Annals of the Physical Sciences. Brussels, 1819, et seq.

VAUCHER (J. P. the Reverend), Professor at Geneva.

"Histoire des Conferves d'eau douce," 1 vol. 4to. Geneva, 1803.

Author of some observations on Zoophytes, published in the Bulletin des Sciences.

VEILL. — VIRELOT (L. P.), a naturalist of Paris, died 1828.

"Histoire Naturelle des plus beaux Oiseaux chanteurs de la zone torride," 1 vol. folio. Paris, 1805.

"Histoire Naturelle des Oiseaux de l'Amérique Septentrionale," of which but 2 vols. folio have appeared. Paris, 1807.

He also continued the "Oiseaux Dorées" of Audibert, and has given us an "Analyse d'une nouvelle Ornithologie Elémentaire," pamphlet, 8vo. Paris, 1816.

"Galerie des Oiseaux," which is quoted as Vieill. Gal. He assisted in publishing the edition of Buffon's Birds, printed by Dufart, and the "Nouveau Dictionnaire d'Histoire Naturelle," by Deterville.

VIGORS, an English naturalist, and principal editor of the Zoological Journal.

Author of various papers in the Linnæan Transactions," &c.

VILL. — VILLERS (Charles de), a naturalist of Lyons.

"C. Linnæi Entomologia," 4 vols. 8vo. with tolerably good plates. Lugduni, 1789.

A useful compilation at the time when it was published, and to which the author has added a description of various Insects peculiar to the southern departments of France.

VILL. — VILLIERS (Adrian P. de)

Has published in the Annales de la Société Linnéenne de Paris, Nov. 1826, a description of three undescribed or but little known Lepidoptera of the south of France, with a plate in which they are figured. He there also rectifies the description previously given of the "Bombyx Milhauseri."

VIQ D'AZ. — VIR D'AZYR (Felix), born at Valogne in 1748, died at Paris in 1794; member of the Acad. des Sciences, and perpetual Secretary to the Société Royale de Medecine. I quote his

"Système Anatomique," which forms a portion of the Encyclopédie Méthodique, and of which only the second volume appeared, containing the Quadrumana and the Rodentia, 1 vol. 4to. Paris, 1795.

VIREY (J. J.), a physician, and one of the editors of the "Journal de Pharmacie et des Sciences ac-

cessoires," in which he has published his

"Histoire Naturelle des Végétaux et des Insectes qui les produisent," as well as "Recherches sur l'Insecte de la Gomme-laque."

VIV.—VIVIANI (Domenico), Professor of Botany and Natural History at Genoa.

"Phosphorescentia maris quatuordecim luculentum Animalculorum, Novis Speciebus illustrata," 1 vol. 4to. Genue, 1805.

VOSM.—VOSMAER (Arnold), a Dutch naturalist who died in 1799; he was Curator of the Museum and Menagerie of the Stadtholder.

Author of numerous Monographs (in Dutch and French) of various animals, with coloured plates, from 1767.

VOY. DE DUPER.

The Zoological part of the "Voyage de la Coquille," under M. Duperrey. This portion of the work is by Messrs. Lesson and Garnot.

VOY. DE FREYCIN., or ZOOL. DE FREYCIN.

The Zoological portion of the "Voyage de l'Uranie," under M. de Freycinet. It is by Messrs. Quoy and Gaimard.

WAGLER (John), a German naturalist, author of Ornithological Fragments, entitled

"Systema Avium," editor of the History of Serpents in the Brazilian Zoology of Spix and Martius, and author of Memoirs on Fishes in the Isis.

WALB.—WALBAUM (J. J.), a physician of Lubeck, born 1724,

Besides his edition of "Artesi," has given us (in German) a "Cheloneographia," or Description of certain Tortoises, 1 vol. 4to. Lubeck and Leipzig, 1782.

Also some Memoirs inserted amongst those of the Naturalists of Berlin.

WALCH (J. E. E.), Professor at Jena, born in 1725, and died in 1778.

Author of the text of Knorr's "Monuments," &c. See Knorr.

WALCK.—WALCKENAER (C. A.), member of the Académie des Inscriptions et Belles-Lettres.

"Faune Parisienne," 2 vols. 8vo. Paris, 1802.

"Tableau des Araneides," in numbers, like those of Panzer on the Insects of Germany. But five have appeared.

"Araneides de France," a work which forms part of that entitled "La Faune Française," published by MM. de Blainville, Desmarest, Vieillot, &c.

"Mémoires pour servir à l'Histoire Naturelle des Abeilles Solitaires," 1 vol. 8vo. Paris, 1817.

WEB.—WEBER (Frederick), a German naturalist, Professor at Kiel.

"Observationes Entomologicae," 1 vol. 8vo. Kiel, 1801.

WHITE, BOT. B., or WHITE VOY.—WHITE (John), a surgeon in the English service at Botany-Bay.

"Journal of a Voyage to New South Wales," with sixty-five plates, 1 vol. 4to. London, 1790. The Zoological part of this work, which is enriched with splendid drawings, appears to have been from the pen of John Hunter, the celebrated anatomist. There is a French edition, 1 vol. 8vo. Paris, 1795, in which useless notes are added to the original work, and the natural history and plates are suppressed.

WIEDEMANN, C. R. G.

Diptera exotica, 1 vol. 8vo.
Analecta entomologica, 1824, 4to.

WILLOUGHBY DE ERESBY (F.), born in 1635, and died in 1672, an English gentleman and a zealous naturalist.

"Ornithologia, lib. III." 1 vol. folio, London, 1676; published by Ray from his posthumous papers. It was translated by Salerne with additions, in 1 vol. 4to. Paris, 1767.

"Historia Piscium, lib. IV." 2 vols. folio. Oxford, 1685.

The plates of these two works are mostly copied from other authors.

WILS.—WILSON (Alexander), an American naturalist, born in 1766, and died in 1813.

"American Ornithology," with coloured

plates, 9 vols. 4to. Philadelphia, 1808—1814.
A new edition, 3 vols. 4to. appeared in 1828.

WOLFF (J. F.), a German naturalist.

"*Icones Cimicium Descriptionibus Illustratæ*," 4 Nos. 4to. Erlangæ, 1804.

WOLFF, joint author with **MEYER** of the "*Almanack of German Birds*."

WORM. or MUS. WORM.—WORMIUS, or WORM. OLAUS, Professor at Copenhagen, born in 1588, died in 1654.

"*Museum Wormianum*," 1 vol. folio. Leyden, 1650.

YARR.—YARREL, an English naturalist, author of various papers in the *Zoological Journal of London*, &c.

ZED.—ZEDER (J. G. H.), a German naturalist.

Author of "*First Supplement to the Natural History of Intestinal Worms by Goeze*," 1 vol. 4to. Leipzig, 1800.
"*An Introduction to the Natural History of the Intestinal Worms*," 1 vol. 8vo. Bamberg, 1803.

ZETTERST.—ZETTERSTED (J. G.), a Swedish naturalist.

"*Orthoptera Sueciæ*," 1 vol. 8vo. Lundæ, 1811.

"*Fauna Laponica*," part first, 1 vol. 8vo. Hammone, 1828.

ZOOL. JOURN.

Published in London by **M. VIGORS**, aided by Messrs. **TH. BELL**, **E. T. BENNET**, **J. E. BICHENO**, **W. J. BROWDERIP**, **J. G. CHILDREN**, **GEN. T. H. HARDWICKE**, **DR. HORSEFIELD**, **W. KIRBY**, the Messrs. **SOWERBY**, father and son, and **W. YARRELL**. We have sixteen numbers, from 18—to 1829.

ZORGDR.—ZORGDRAGER, a Dutchman.

Author of a treatise on the whale fishery.

THE END.

